



RECORD

The image shows the front cover of an antique book. The cover is made of a light-colored, textured material, possibly cloth or paper, and is decorated with a large, ornate border. The border consists of a series of small, repeating circular or oval motifs, creating a frame around the central area. In the center of the cover, the word "RECORD" is printed in a bold, serif font. The book's spine is visible on the left, showing signs of wear and fraying. The corners of the book are reinforced with a dark red material, likely leather or cloth, which is visible at the top right and bottom right corners. The overall appearance is that of a well-used, historical volume.

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Collection and Field Note Book

No. 5

(April 21, 1934 - September 3, 1938)

(11000 - 15799)

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* * *

F. R. Fosberg
Collection Number
Book.

Beginning with
No. 11000

Fanning I - gambier Is.

Fanning Island
English Harbor IV/21/34

1

3

11 000

11 001 *Bidens pilosa*

11 002 *Eleusine indica*

Mangarera Is.

(Gambier Is.) Manga Reva

N.B. #1220

Rikitea (cult. & weeds)

11 003 *Clerodendron*

IV/24/34

4 moss

5 *Aris tolochia*

6 *Acalypha hispida*

7 *Ipomoea batatas*

8 *Eugenia uniflora*

9 *Punica granatum*

10 *Canna*

11 *Zebrina?*

12 *Panicum*

13 *Hibiscus schizopetalus*

14 *Malvastrum* (lido acuta)

15 *Lagerströmia?*

16 *Brassica*

17 *Atamosco rosea*

18 *Cordia*

19 *Malvaceae*

20 *Sansevieria*

21 ~~*Pentstemon*~~ *Pentas carnea*

22 *Alternanthera*

23 *Coleus*

24 *Thunbergia*

25 *Cyperaceae*

26 *Chrysanthemum*

27 *Zinnia*

28 *Zinnia*

29 *Plumbago*

- 11030 *Gomphrena globosa*
 31 *Annona*
 32 *Jasminum*
 33 *Eragrostis amabilis*
 34 *Euphorbia prostrata*
 35 *Phyllanthus niruri*
 36 *Pilea microphylla*
 37 *Atamoseo candida* V/28/34
 38 *Hibiscus*
 39 *Alocasia macrorrhiza*
 40 *Agalypha Wilkesiana*
 Rorua Convent, Manga Reva
 41 *Lonchus* V/28/34
 42 *Lonchus*
 43 *Lochnera rosea*
 Chapel (King's tomb) above
 Rikitea, Manga Reva II/14/34
 44 *Chrysanthemum*
 45 *Coreopsis*
 Rikitea, Manga Reva
 46 *Rhoeo discolor* II/18/34
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 47 *Schizophyllum commune* II/22/34
 Rikitea, Manga Reva
 48 *Lalvia* II/20/34
 49 *Mentha piperita*
 50 *Tabernaemontana*
 51 *Impatiens*
 52 *Murraya exotica*
 53 *Lupinus*
 54 *Cardamine samentosa*
 55 *Coreopsis*
 56 *Motheopanax guilfoylei*
 57 *...*

- 11058 *Bauhinia*
 59 *Ocimum*
 60 *Ocimum* ?
 61 *...*
 62 *Datura*
 63 *Datura*
 64 *Oxalis corniculata*
 65 *Desmodium*
 66 *...*
 67 *Tephrosia purpurea*
 68 *Cyperus*
 69 *Paspalum*
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 70 *Gardenia tahitensis*
 71 *Canna*
 72 *Canna*
 73 *Canna*
 74 *Impatiens*
 75 *Rosa*
 76 *Russelia squarretiformis*
 77 *Lonicera japonica*
 78 *Chrysanthemum*
 79 *Gossypium barbadense* var. *insulare*
 80 *Medicago*
 81 *Zea mays*
 82 *Lactuca sativa*
 83 *Vitis*
 84 *Asparagus officinalis*
 85 *Eugenia*
 86 *...*
 87 *Kyllinga brevifolia*

4 (Gambier Is.) Mangareva Is.

Rikitea, Manga Reva - VI/1/34
11088 *Ixora macrothyrsa*
89 *Luranta repens*
90 *Hibiscus*

M.E. Skopje, Mt. Duff, Manga Reva
91 *Amaranthus* VI/1/34
92 *Lida*
93 *Ligustrum*

Pass w. of Rikitea, Manga Reva
94 *Cenchrus* VI/1/34
95 *Digitaria*
96 *Melastoma*

97 *Portulaca lutea*
98 *Desmodium*
99 *Panicum*

11100 *note*

~~*Citrus vulgaris*~~

Rikitea, Manga Reva VI/2/34
1 *Citrus vulgaris*

VI/3/34

2 *Capsicum*

3 *melon*

4 *Hibiscus rosa-sinensis*

5 *Crescentia kuyite*

Gatavake, Manga Reva
6 *Blechnum* VI/3/34

(Gambier Is.) Mangareva Is. 5

Rikitea, Manga Reva VI/3/34
11107 *Polyporus rigidus* Lév.
8 *Adiantum capillaris-veneris*

VI/4/34
9 *Allamanda cathartica* var. *Hendersonii*

Maratituita Pt. Manga Reva VI/4/34

10 *Mangifera indica*

11 *Eclipta alba*

12 *Lichen*

13 *Lichen*

14 *Lichen*

Pt. Teone Kura, Manga Reva VI/4/34

15 *Lycopodium cernuum*

16 *Cyperus*

17 *Desmodium*

18 *Caladium bicolor*

19 *Begonia*

20 *Bougainvillea*

21 *Gardenia*

22 *Bougainvillea*

23 *Cycas circinalis*

24 *Montbrisia*

25 *Ixora macrothyrsa*

2nd islet n.w. Taramuroa,
Gambier Is. VI/6/34

26 *Boerhaavia*

27 *Lepturus repens*

28 *Vernonia cinerea*

29 *Luriana maritima*

30 *Scaevola frutescens*

- 11131 *Cassytha filiformis*
 32 *Triumfetta procumbens*
 33 *Pemphis acidula*
 34 *Lepidium bidentoides*
 35 *Tournefortia argentea*
 36 *Pandanus*

6th islet s.e. of Vaiatekena,
 Gambier Is. VI/6/34

- 37 *Lepturus repens*
 38 *Luriana maritima*
 39 *Triumfetta procumbens*
 40 *Pemphis acidula*
 41 *Scaevola frutescens*
 42 *Cassytha filiformis*
 43 *Lepidium bidentoides*
 44 *Tournefortia argentea*
 45 *Pandanus*

Vaiatekena, Mangareva Is.

- 46 *Vernonia cinerea* (Gambier Is.) VII/6/34

47 *Lichen*

- 48 *Guettarda speciosa*
 49 *Scaevola frutescens*
 50 *Ipomoea (Calanyction)*
 51 *Luriana maritima*
 52 *Tournefortia argentea*
 53 *Hibiscus tiliaceus*
 54 *Boerhaavia*
 55 *Cassytha filiformis*
 56 *Triumfetta procumbens*
 57 *Pemphis acidula*
 58 *Portulaca lutea*
 59 *Lepidium bidentoides*

- 11160 *Lepturus repens*
 61 *Pandanus*
 62 *Gouldia romanzoffiana*
 63 *Ribitea*, Manga Reva, Gambier Is.

VI/9/34

63 *Monocot*

64 *Hibiscus*

65 *Malvaceae*

66 *Mimosa pudica*

67 *Selaginella*

68 *Asparagus Sprengeri*

69 *Justicia*

Adamstown, Pitcairn Island
 Coll. F. R. Fosberg + B. Christian VI/17/34

70 *Mirabilis jalappa*

71 *Erythrina*

72 *Lonicera japonica*

73 *Clitoria ternatea*

74 *Eugenia jambos*

75 *Bidens pilosa*

76 *Eugenia uniflora*

77 *Artocarpus incisa*

78 *Euphorbia pepplus*

79 *Sporobolus elongatus*

80 *Russelia equisetiformis*

81 *Chrysanthemum*

82 *Allamanda cathartica* var. *Hendersonii*

83 *Jasminum*

84 *Vernonia cinerea*

85 *Scroph.*

86 *Rosa*

87 *Gomphrena globosa*

11188 *Matthiola*

89

90 *Antigonon leptopus*91 *Pelargonium*92 *Setaria*93 *Clerodendron*94 *Malvastrum coromandelianum*95 *Dianthus caryophyllus*96 *Alyssum maritimum*97 *Gomphrena globosa*98 *Pelargonium*99 *Verbena*11700 *Zinnia*1 *Gaillardia*2 *Chrysanthemum*3 *Atamosco rosea*4 *Thespesia populnea*5 *Carica papaya*6 *Canna indica*7 *Cox lachryma-jobi*8 *Bauhinia*9 *Uncol*~~10~~Hills above Adamstown, near the Hollow, Pitcairn I.
Coll. F.R.F. + B. Christian VI/13/34

10

11 *Taraxacum*12 *Sonchus*13 *Euphorbia hirta*Hills above Adamstown, near the Hollow,
Pitcairn I. Coll. F.R.F. + B. Christian, VI/13/3414 *Cyperus*Flatlands, Hills above Adamstown,
Pitcairn Island, Coll. F.R.F. + B. Chr. VI/13/3411215 *Ananas comosus*16 *Ananas comosus*17 *Metrosideros*18 *Passiflora edulis*The Hollow, hills above Adamstown,
Pitcairn I. Coll. F.R.F. + B. Chr. VI/13/3419 *Apiastrum*20 *Metrosideros*21 *Gleichenia linearis*22 *Paspalum orbiculare*Flatlands, Hills above Adamstown,
Pitcairn I. Coll. F.R.F. + B. Chr. VI/13/3423 *Eleusine indica*24 *gram.*The Hollow, Hills above Adamstown,
Pitcairn I. Coll. F.R.F. + B. Chr. VI/13/3425 *Psilotum nudum*26 *Digitaria*27 *Sida*Hills above Adamstown, Pitcairn I.
Coll. F.R.F. + B. Christian VI/13/3428 *Doodya media* var. *conexa*29 *Polystichum*30 *Dryopteris dentata*31 *Dryopteris*32 *Canthium*33 *Oxalis corniculata*

- 11234 Kyllinga brevifolia
11235 Rubiacae (C. thym. herbaceum?)
36 Achyranthes
37
38 Zebrina pendula
39 Oplismenus hirtellus
40 Cordyline fruticosa

The Hollow, Hills above Adamstown
Pitcairn I. Coll. F. R. F. & B. Chr. VI/13/34
Erect

- 41 *Cyathea Cummingii*

Hills above Adamstown, Pitcairn I.
Coll. F.R.F. & B. Chs. VI/13/34
angiosperms.

- 42 angiopteris

Adamstown, Pitcairn I. VII/13/34

- 47 *Laccharum officinale*

VI/13/34

- VI/13/34
- 44 *Hibiscus rosa-sinensis*
45 *Nothopanax guilfoylei*
46 *Prunus persica*
47 *Plumeria acutifolia*
48 *Vitis*
49 *Gardenia*
50 *Salvia splendens*
51
52 *Punica granatum*
53 *Thunbergia*
54 *Alpinia*
55 *Epiphyllum*
56 *Terminalia*
57 *Nerium*

- 11258 *Synedrella nodiflora*
59 *Anona*
60 *Polypodium scolopendrium*
61 *Calophyllum inophyllum*
62 *Anacardium occidentale*
63 *Cassia*
64 *Crinum*

Hills above Adamstown, Pitcairn I.
 26 VI/10/34

Rep.

IX

Forsberg & T. Helmer (Christiane)

in I.

134

72

F. R. Clark 11/14/34

- 83 *Coccoloba uvifera*

- 11234 *Kyllinga brevifolia*
 11235 *Rubiacae* *... ..*
 36 *Achyranthes*
 37
 38 *Zebrina pendula*
 39 *Oplismenus hirtellus*
 40 *Cordyline fruticosa*

The P. ...

Pitcairn

41 Cyath

Hill

Coll.

42 ang

ad

43 Lacc

44 Hibi

45 Not

46 Pm

47 Plu

48 Vite

49 gar

50 Lab

51

52 Pm

53 The

54 Alp

55 Epi

56 Ter

57 Merium

Fungi det. J. A. Stevens

12015 *Trametes cingulata*
Berk.

11792

Fungi det. ?
acc. 2212.11107 *Polyporus rigidus* Desv.42039 *Polyporus immaculatus*
Berk.11499 *Poria* sp.11047 *Schizophyllum*
commune Fr.11793 *Daedalea tenuis* Berk.11352 *Laschia* sp.11328 *Cyathus poeppigii*11366 *Hexagonia albida* Berk.
Tul.11258 *Synedrella nodiflora*59 *Anona*60 *Polypodium scolopendrium*61 *Calophyllum inophyllum*

62

63 *Cassia*64 *Crinum*~~65~~

Hills above Adamstown, Pitcairn I.

Coll. F. R. Fosberg & Roy Clark VI/14/34

65 *Hibiscus tiliaceus*66 *Morinda citrifolia*67 *Nephrolepis*68 *Paspalum conjugatum*69 *Psilotum nudum* (Coll. F. R. Fosberg & Thelma Christie)70 *Davallia solida*71 *Paspalum orbiculare*

St. Pauls Point, Pitcairn I.

Coll. F. R. F. & Roy Clark IV/14/34

72 *Cardamine sarmentosa*73 *Cenchrus*74 *Celtis*

75

76 *Bidens*

77

78 *Procris*79 *Euphorbia pitcairnensis*

80

Bent's Place, Pitcairn I. Coll. F. R. F. & R. Clark V/14/34

81 *Lochnera rosea*82 *Cassia*83 *Coccoloba uvifera*

11267 1/2 Coprosma

- 11234 *Kyllinga brevifolia*
 11235 *Rubraea* ~~*Caribaea*~~
 36 *Achyranthes*
 37
 38 *Zebrina pendula*
 39 *Oplismenus hirtellus*
 40 *Cordyline fruticosa*

The Hollow, Hills above Adamstown
 Pitcairn I. Coll. F.R.F. & B. Clark VI/13/34

- 41 *Cyathea Cummingii*

Hills above Adamstown, Pitcairn I.
 Coll. F.R.F. & B. Clark VI/13/34

- 42 *Angiopteris*

Adamstown, Pitcairn I. VI/13/34
 43 *Laccharum officinale*

VI/13/34

- 44 *Hibiscus rosa-sinensis*
 45 *Nothopanax guilfoylei*
 46 *Prunus persica*
 47 *Plumeria acutifolia*
 48 *Vitis*
 49 *Gardenia*
 50 *Salvia splendens*
 51
 52 *Punica granatum*
 53 *Thunbergia*
 54 *Alpinia*
 55 *Epiphyllum*
 56 *Terminalia*
 57 *Merium*

- 11252 *Synedrella nodiflora*
 59 *Anona*
 60 *Polypodium scolopendrium*
 61 *Calophyllum inophyllum*
 62 *Adiantum*
 63 *Cassia*
 64 *Criminum*

Hills above Adamstown, Pitcairn I.
 Coll. F.R.F. Forberg & Roy Clark VI/14/34

- 65 *Hibiscus tiliaceus*
 66 *Morinda citrifolia*
 67 *Mephrolepis*
 68 *Paspalum conjugatum*
 69 *Psilotum nudum* (Coll. F.R.F. Forberg & Roy Clark)
 70 *Davallia solida*
 71 *Paspalum orbiculare*

St Pauls Point, Pitcairn I.
 Coll. F.R.F. & Roy Clark VI/14/34

- 72 *Cardamine sarmentosa*
 73 *Cenchrus*
 74 *Celtis*
 75
 76 *Bidens*
 77
 78 *Procris*
 79 *Euphorbia pitcairnensis*
 80 *Abutilon*

Bent's Place, Pitcairn I. Coll. F.R.F. & R. Clark VI/14/34

- 81 *Lochnera rosea*
 82 *Cassia*
 83 *Coccoloba uvifera*

11267 1/2 *Coffea*

- 11284 Iris
 85 althea
 86 Atamosco candida
 87 gladiolus
 88 Ocimum basilicum
 89 Mangifera indica
 90 Tagetes

Point between Rope and Taboutuma,
 Pitcairn I. F. R. F. + Roy Clark VI/14/34

- 91 Asplenium
 92 Umbelliferae
 93 Solanum nigrum var.
 94 Lesquerium portulacastrum
 95 Plantago major
 96 Cocculus
 97 Loxoscaphe

coll. F. R. F. + Roy Clark
 Outer Valley, Pitcairn I. G. B. VI/14/34

- 98 Siegesbeckia orientalis
 99 Polypodium eruyphyllum
 11300 Pandanus
 1 Coprosma
 2 Citrus aurantium
 3
 4
 5 Polypodium
 6 Persea gratissima
 7 Colocasia antiquorum var. esculenta
 8 Asplenium (Diplazium)
 9 Vittaria
 10 Polypodium
 11 Polypodium
 12 Polypodium

Middle Hill Pitcairn Island
 coll. F. R. F. + Roy Clark VI/14/34

- 11313 Coprosma
 14 Allium Cepa
 15 Peperomia
 16 Achyranthes
 17 Coprosma
 18 Psilotum nudum
 19 Zea mays
 20 Manihot utilissima
 21 Cucurbita
 22 Dioscorea
 23 Vigna sinensis
 24 Ipomoea batatas var.
 25 Ipomoea batatas var.
 26 Bidens pilosa var.

Adamstown, Pitcairn I. coll. F. R. F. + Roy Clark VII/14/34

- 27
 28 Cyathus poeppigii Tul.

Outer Valley, Pitcairn I. coll. F. R. F. + Roy Clark VI/14/34

29 moss

Point bet. Rope + Taboutuma, Pitcairn I.
 coll. F. R. F. + Roy Clark VI/14/34

30 moss

Adamstown, Pitcairn I. VI/15/34

- 31 Sapindus
 32 moss

Bounty Bay, Pitcairn I. VI/15/34
 33 Ipomoea (Calang-ton)

- 11334 *Ipomoea pes-caprae*
 35 *Scaevola frutes*
 36 *Lepturus repens*
 37 *Solanum nigrum* var.
 38 *Portulaca lutea*
 39 *Digitaria*
 40 *Lesuvium portulacastrum*
 41 *Achyranthes*
 42 *Lycium sandwicensis*
 43 *Asplenium*
 X 44 *Tournefortia argentea*

Henderson Island, n. w. corner
 cliffs + beach VI/21/34

- 45 *Nephrolepis biserrata* var. *sulfurea*
 46 *Pandanus*
 47 *Polypodium scolopendrium*
 48 *Scaevola frutescens*
 49 *Ipomoea*
 50 *Portulaca lutea*
 51 *Cordyline fruticosa*
 52 *Lassia*
 X 53 *Tournefortia argentea* var.

Rikitea, Mangareva (Gambier Is.)
 mangareva Is.
 VI/26/34

- 54 *Ipomoea*
~~55~~
 56 *Nephrolepis biserrata* var. *sulfurea*
 57 *Colubrina asiatica*
 58 *Sida*
 59 *Lappidus*

Gatavake Valley, base of ^{Mangareva Is.} Mt. Duff, Mangareva (Gambier Is.)
 VI/26/34

- 11355 *Lepturus repens* var. *sulfurea*
 11356 *Nephrolepis biserrata* var. *sulfurea*

57 *Colubrina asiatica*

58 *Sida*

~~59 *Lepturus repens*~~
~~60 *Colubrina asiatica*~~

61 Mt. Duff, summit and near summit
 Mangareva, Gambier Is. VI/26/34

59 *Lappidus*

60 *Colubrina asiatica*

61 *Lepturus repens*

62 *Colubrina asiatica*

63 *Lepturus repens*

64 *Colubrina asiatica*

Gatavake Valley, base of Mt. Duff,
 Mangareva, Gambier Is. VI/26/34

65 *Lepturus repens*

66 *Hexagonia albida* Berk.

Peaks bet. Ahamei Bay
 and Atamui Valley, e. of area Rapa
 VII/3/34

67 *Diavella*

68 *Homalanthus Stokesii*

69 *Lepturus repens*

70 *Kadua rapensis*

71 *Kadua rapensis*

72 *Scirpus*

Cliffs and slopes above area, Rapa
VII/3/34

- 11373 *Coprosma*
- 74 *Blechnum orientale*
- ✓ 75 *Laurea Colenetti* var *denticulata*
- ✓ 76 *Rhynchospora Stokesii*
- 77 *Gleichenia linearis*
- 78
- ✓ 79 *Dianella*
- 80 *Rubus rozaefolius*
- 81 *Doctonaea viscosa*
- 82 *roza*

Mt. Taga, Rapa VII/4/34

- 83 *Sporobolus*
- ✓ 84 *Digitaria*
- 85 *Elaphoglossum*
- 86 *Hymenophyllum*
- 87 *Cerastium*
- 88 *Oxalis corniculata*
- ✓ 89 *Cocculus*
- ✓ 90 *Olearia*
- ✓ 91 *Scirpus*
- ✓ 92 *Vaccinium*
- 93 *Lycopodium cernuum*
- ✓ 94 *Dianella*
- ✓ 95 *Dianella*
- 96 *roza*

s.w. side Ahurei Bay near
head of bay, Rapa VII/5/34

- 97 *Scirpus*
- 98 *Rosa*

- 11399 *apiastrum*
- 11400 *Achrostichum aureum*

near Mariva Point, s. side of
Ahurei Bay, Rapa VII/5/34
Coll. F.R. Fosberg & E.C. Zimmerman

- x 11401 *Rumex crispus*
- 02 *Echinochloa colonum*
- 03 *Pandanus*
- 04 *Pandanus*
- 05 *roza*

N. slope bet. Mt. Tanga & Tepiahu
Rapa, VII/6/34

- 06 *Alyxia*
- 07
- 08
- 09 *Davallia solida*
- 10 *Adiantum*

Mt. Tepiahu, Rapa, VII/6/34

- 07 *Davallia solida*
- 08
- 09 *Davallia solida*

s. e. side Mt. ^{Ozorangi} ~~Ozanga~~, Rapa
VII/6/34

- 10 *Adiantum*
- 11 *Allophyllus*

w. ridge, Mt. Tepiahu, Rapa VII/6/34

- 12 *Silene gallisa*

s.e. slope Mt. ^{Ororangi} ~~Ororangi~~, Rapa, VII/6/34

11413 ~~Compositae~~

- ✓ 14 Lautea Colenettei
- 15 Asplenium

near summit of Mt. ^{Ororangi} ~~Ororangi~~, Rapa, VII/6/34

- ✓ 16 Metrosideros
- ✓ 17 Metrosideros
- ✓ 18 Metrosideros
- ✓ 19 Ipomoea

Area, Rapa. VII/8/34 F. R. F. + C. M. G. & J. P.

- ✓ 20 Pandanus

same ~~with~~ F. R. F. + D. Anderson

21

- ✓ 22 Metatrophis Margaretae

s.e. ridge Mt. Pukunia, Rapa, VII/8/34

- ✓ 23 Freycinetia
- ✓ 24 Lida
- 25 Gleichenia linearis
- ✓ 26 Lautea Colenettei
- ✓ 27 Eurya raphensis
- ✓ 28 Veronica raphensis
- 29 Dryopteris Margaretae

summit of Mt. Pukunia, Rapa, VII/8/34

- ✓ 30 Plantago raphensis

s.e. ridge Mt. Pukunia, Rapa VII/8/34

- 31 Rubiaceae
- ✓ 32 Lautea Colenettei

11433

- ✓ 34 Acalypha raphensis
- 35 Histiopteris incisa
- 36 ~~more~~

Tapui Islet, Ahurei Bay, Rapa VII/9/34

- ✓ 37 Senecio Stokesii
- ✓ 38 Viper latifolium?
- 39 Asplenium
- 40 ~~more~~
- 41 ~~more~~
- 42 ~~more~~
- 43 Gleichenia linearis
- x 44 Psidium guajava
- ✓ 45 Paspalum orbiculare
- 46 Histiopteris incisa
- 47 Polypodium scolopendrium
- 48 Dioscorea
- ✓ 49 Dianella
- 50 Davallia solida
- 51 ~~Eragrostis~~

Ridge bet. Vairu + Ruatara, Rapa, VII/9/34

- ✓ 51 Eragrostis

Mt. Taga, Rapa VII/9/34

- ✓ 52 Kyllinga brevifolia

s. slope Mt. Ruatara, Rapa VII/9/34

- 53 Cyperaceae
- 54 Cyperaceae

- ✓ 55 Peperomia
- 56 moss
- 57 moss
- 58 moss
- 59 lichen
- 60 lichen
- 61 lichen
- 62 lichen
- 63 hepatic
- 64 graminiae
- 65 Coprosma
- 66 Musa
- 67 Coprosma
- ✓ 68 Eurya raphensis
- ✓ 69 Pittosporum crassifolium
- 70 Asplenium
- 71 Leptochilus
- 72 Coprosma
- 73 Dryopteris
- 74 Histiopteris incisa
- ✓ 75 Fitchia raphensis
- 76

Turko, Rapa - VII/9/34

- 76 Lycopodium cernuum
- 77 moss
- ✓ 78 Vaccinium
- 79 Gleichenia linearis

slope Mt. Ruatara, Rapa, VII/9/34

- * 80 Briza minor

Ahurei, Rapa - VII/11/34

- 81 Hibiscus (hybrid)

Maitua, Rapa - VII/11/34

- 11 477 Balanophora
- * 83 Hedychium
- ✓ 84 Zingiber zerumbet
- 85 Dryopteris dentata
- 86 Boehmeria
- ✓ 87 Plantago raphensis
- ✓ 88 Radua raphensis
- 89
- 90 Coprosma
- ✓ 91 Acalypha raphensis
- ✓ 92 Peperomia
- 93 Asplenium nidus
- 94 Coprosma
- 95 Coprosma
- * 96 Broussonetia papyrifera
- 97 Ipomoea
- ✓ 98 Ipomoea
- 99 Paridis

Mt. Tepiahu, Rapa - VII/11/34

11 500

- ✓ 01 Bidens
- 02 Rubiaceae
- ✓ 03 Mucuna
- ✓ 04 Pandanus
- 05 ~~Pandanus~~
- ✓ 05 Glochidion
- 06 ~~Cynchiza~~
- 07 ~~Asplenium~~
- 08 Polystichum ~~strobiliferum~~

Head of Anama Valley, s.e. ridge
Mt. Perahu, Rapa, VII/13/34

- ✓ 11506 *Canthium*
- 07 *Asplenium guaylei* var. *rapense*
- 08 *Polystichum Stokesii*
- ✓ 09 *Styphelia acerosa* var. *oxyceaus*
- ✓ 10 *Allophylus rapensis*
- 11 *Hermitelia*
- ✓ 12 *Piper excelsum*
- ✓ 13 *Glochidion rapense*
- ✓ 14 *Metrosideros*
- 15 *Asplenium adiantoides*
- ✓ 16 *Rautea Colenettei*
- 17 *Doodia*
- ✓ 18 *Claoxylon Colenettei*
- 19 *Rubiaceae*
- ✓ 20 *Fitchia rapensis*
- ✓ 21 *Myoporum*
- 22 *Coprosma*
- 23 *Coprosma*

Matauri Point, Rapa, VII/15/34

- 24 *Cyperus penicillatus*
- 25 *Myoporum*

Maomao Pt. Rapa, VII/15/34

- ✓ 26 *Digitaria*
- ✓ 27 *Panicum ambiguum*
- ✓ 28 *Ischaemum Stokesii*

Pupu Pt. Rapa, VII/15/34

- ✓ 29 *Brassica oleracea* (L.)
- 30 *Acalypha rapensis*

11531 *Polypodium scolopendrium*

32 *Canthium*

33 *Umbelliferae*

✓ 34 *Canthium*

✓ 35 *Alyxia*

Māngaka, Rapa, VII/16/34 F.R.F. + E.C. Zimmerman

36 *Lycopodium cernuum*

n. slope Mt. Tepiahu, Rapa, VII/16/34
F.R.F. + E.C. Zimmerman

37 *Orchidaceae*

s.e. slope Morangota, Rapa
VII/16/34 F.R.F. + E.C. Zimmerman

38 *Rubiaceae*

Ahurei, Rapa, VII/16/34

✓ 39 *Hibiscus tiliaceus*

40 *Paspalum conjugatum*

n.e. slope Mt. ~~Orangi~~ Orangi, Rapa
VII/16/34

41 *Citrus medica*

n. slope, bet Mt. Tepiahu
and Mt. ~~Orangi~~ Orangi, Rapa VII/16/34

✓ 42 *Metrosideros*

s. slope Mt. Tepiahu, Rapa, VII/16/34

43 *moss*

44 *Oryopteris, Margaretae*

45 *hepatic*

46 *hepatic*

11547

~~moss~~48 *Dryopteris Stokesii*49 *Dryopteris Margaritae*✓ 50 *Bizya minor*✓ 51 *Solanum nigrum*✓ 52 *Acalypha*✓ 53 *Acalypha*✓ 54 *Acalypha*✓ 55 *Allophylus rapensis*56 *Doodia*57 *Asplenium*

Kaukanamoo, Rapa, VII/18/34

58 *Lycopodium*✓ 59 *Lautea Colenettei*60 *Asplenium horridum*✓ 61 *Exocarpus*

62 (accidentally omitted)

63 *Elaphoglossum*64 *Trichomanes*65 *Nephrolepis*66 *Gleichenia linearis*67 *Pteris decussata* *Blechnum?*68 *Pteris Blechnum?*69 *Dioscorea*✓ 70 *Martia* (check with notebook)

✓ Mitiperu, Rapa VII/18/34

✓ 71 *Allophylus*72 ~~moss~~73 *Trichomanes*✓ 74 *Bidens*✓ 75 *Acalypha*Mitiperu, Maunga^{aegae}~~aegae~~ Ridge.

Rapa, VII/17/34

11576 *Pteris?* *Blechnum?*77 *Asplenium*78 *Gahnia Stokesii*Palai Ridge, above Ahurei, Rapa
VII/17/34✓ 79 *Ficus?*80 *Histiopteris incisa*

Mangaava, Rapa, VII/18/34

81 ~~moss~~82 *Lichen*83 *Hepatic*84 *Lichen*✓ 85 *Peperomia reflexa*86 ~~moss~~✓ 87 *Plantago rapensis*Mitiperu, Maunga^{aegae}~~aegae~~ Ridge

Rapa, VII/18/34

88 *Helaginella*89 *Lichen*

Mangaava, Rapa, VII/18/34

90 *Pteris?* *Blechnum?*Orehekutu, s. fork, Rapa, VII/18/34
F. R. F. + C. M. Cooke, Jr.91 *Balanophora*

Hiri Valley, s. slope Morongota, Rapa
VII/20/34

- 11592 Trichomanes
- 93 Trichomanes
- 94 hepatic
- ✓ 95 Acalypha Stokesii
- 96
- 97 Coprosma
- 98 Dioscorea

~~W. ridge~~

W. ~~ridge~~ Morongota, Rapa, VII/20/34

- 99 Lautea Colenettei
- 11600 Coprosma

~~Morongota near top, Rapa VII/20/34~~

- 01 Pteris? Blechnum?

s. slope ridge bet. Morongota and
Tevaitahu, Rapa - VII/20/34

- ✓ 02 Veronica rapensis
- 03 Pteris? Blechnum?
- 04 Polystichum
- 05 Pteris? Blechnum?
- 06 Adiantum
- 07 Metrosideros
- 08 Pteris? Blechnum?
- ✓ 09 Davallia solida
- 10 Fitchia rapensis

~~n. slope of ridge bet. Morongota~~
+ Tevaitahu, Rapa VII/20/34

Pupu Point, Rapa - III/15/34

- ✓ 11612 Cardamine sarmentosa

w. slope Vairu, Rapa VII/24/34

- 13 Pteris? Blechnum?
- 14 Trichomanes

Ruataara, Rapa VII/24/34

- 15 Asplenium
- 16 Erythrina

Onio, Rapa VII/24/34

17

Atanui Valley, Rapa VII/24/34

- x 18 Lagenaria vulgaris
- ✓ 19 Cyperus
- 20 Gramineae

Tumu, Rapa VII/24/34

- x 21 Jussiaea

Temukopuke, Rapa VII/26/34

- ✓ 22 Miscanthus japonicus

Tumu, Rapa VII/26/34

- 23 Erythrina

Pukutake, Rapa VII/26/34

- 24 Polystichum rapense
- 25 Plantago rapensis
- 26 Polypodium
- 27 Selaginella
- ✓ 28 Ipomoea

11629 ~~Siber~~

Hiri, Rapa

VII/27/34

- x 30 *Eugenia jambos*
 ✓ 31 *Kadua rapensis*
 ✓ 32 *Pittosporum*
 33 *Asplenium*
 ✓ 34 *Peperomia*

Ridge s.e. of Vaitau, Rapa VII/27/34

- ✓ 35 *Styphelia acrota* var. *oxyceamus*

Vaitau, Rapa

VII/27/34

- 36 *Bryum*

Temukopuke, Rapa VII/31/34

- x 37 *Commelina nudiflora*

Pukutaketake, Rapa VII/31/34

- ✓ 38 *Gnaphalium luteo-album*

Mairua Pt. Rapa

VII/31/34

- ✓ 39 *Paspalum*

Ahurei, Rapa

VII/31/34

- x 40 *Cynodon dactylon*
 x 41 *Cocos nucifera*

VII/31/34

VIII/1/34

Raivavae, Raivavae, Austral Is.

VIII/6/34

- x 42 *Hibiscus schizopetalus*
 x 43 *Cynodon dactylon*

R. Arepua (lower part), Raivavae
Austral Is. VIII/6/34

- 11644 *Gardenia florida*

45 *Eclipta alba*46 *Peperomia*47 *Citrus limonium*48 *Cajanus cajan*49 ~~*Merium odorum*~~

Maharataa, Raivavae, Austral Is.

VIII/6/34

49 *Merium odorum*50 *Merium indicum*51 *Ricinus communis*52 *Gardenia tahitensis*53 *Coleus Blumei*54 *Gomphrena globosa*55 *Ipomoea Batatas*56 *Foeniculum vulgare*57 *Hippeastrum*58 *Malvastrum coccineum*e. side Vaianava peninsula,
Raivavae, Austral Is. VIII/6/3458 ~~*Malvastrum*~~59 *Labiata*60 *Lida*61 *Dodonaea viscosa*62 *Celastrus viticenis*63 *Tephrosia purpurea*64 *Labiata*65 *Tetragonia*66 *Pandanus*67 *Canavalia obtusifolia*

w. side of Vaiananua peninsula,
Raiavarae, Austral Is. VIII/6/34

- 11668 *Vigna lutea*
69 *Cyperus pennatus*
70 *Casuarina equisetifolia*
71 *Doodya*
72 *Doodya*
73 *Hypolepis*
74 *Glochidion*
75 *Glochidion*
76 *moss*
77 *Terminalia*
78 *Dryopteris dentata*
79 *Rapanea*
80 *Rapanea*
81 *Celtis*
82 *Dryopteris*
83 *Santalum insulare* var. *raivarense*
84 *Euphorbia*

Mahanatoa, Raiavarae, Austral Is. VIII/6/34
85 *Lonicera japonica*

e. side Vaiananua peninsula, Raiavarae,
Austral Is. VIII/6/34

86 *Santalum insulare* var. *raivarense*

w. side Vaiananua peninsula
Raiavarae, Austral Is. VIII/6/34

87 *Santalum insulare* var. *raivarense*

s. side Mt. Muamui, Raiavarae,
Austral Is.

88 *Orchidaceae* VIII/8/34

coll. F.R.F., C.M. Cook & Don Anderson

11689 *Erianthus*

coll. F.R.F. & C.M. Cook

~~80~~

Mahanatoa, Raiavarae, Austral Is.

VIII/8/34

90 *Gaillardia pulchella*

91

92 *Tournefortia argentea*

93 *Leaevola frutescens*

~~94~~

s. slope Mt. Muamui, Raiavarae

Austral Is.

VIII/8/34

94 *Erianthus*

95 *Metrosideros*

96 *Alyxia*

97 *Polystichum*?

98 *Pisonia umbellifera*

99 *Polystichum*

11700 *Rubiacae*

01 *Rubiacae*

02 *Acalypha*

03 *Celtis*

04 *Rutaceae*

05 *Kyllinga brevifolia*

06 *Pittosporum*

07 *moss*

08 *hepatia*

09 ?

10 *moss*

11 *moss*

12 *hepatia*

13 *hepatia*

14 *Meryta* coll. F.R. Fosberg & Don Anderson

Raiinua, Raivavae, Austral Is. VIII/9/34
11715 *Elerodendron*

16 *Brassica oleracea*

17 *Elephantopus spicata*

17 *Eucumbitaceae*

~~18~~

1 km. s.e. Anatonu, Raivavae, Austral Is.
VIII/10/34

19 *Panicum ambiguum*

20 *Sporobolus elongatus*

21 *Cynodon dactylon*

Anatonu, Raivavae, Austral Is. VIII/10/34

22 *Jasminum* coll. F.R.F. & Sam Wright

1 km. e. Vairu, Raivavae, Austral Is.

VIII/10/34

23 *Myoporum*

24 *Jussiaea suffruticosa?*

slope n.e. of Vairu, Raivavae, Austral Is.

25 *Cerbera* VIII/10/34

26 *Rubiaceae*

27 *Hornolanthus*

28 *moss*

29 *lichen*

30 *Vittaria*

31 *moss*

32 *moss*

33 *moss*

34 *moss*

35 *Vittaria*

36 *Pittosporum*

11737 *Myoporum*

Vairu, Raivavae, Austral Is.
VIII/10/34

38 *Anona muricata*

39 *Polyposaceae*

40 *Cocos plumosa*

41 *Morinda citrifolia*

42 *Phyllanthus niruri*

43 *Anona*

44 *Dioscorea*

45 *Hedychium*

46 *Canna*

47 *Cinnam asiaticum*

48 *Impatiens*

49 *Funkia*

50 *Scrophulariaceae*

51 *Rosa*

52 *Chrysanthemum*

53 *Lochnera rosea*

54 *Eragrostis amabilis*

55 *Polygonum*

56 *Solanum nigrum*

57 *Erythrina*

main point, s. Mt. Taraia,
Raivavae, Austral Is. VIII/10/34

58 *Piper*

59 *Paspalum*

60 *Gramineae*

Unarau, Raivavae, Austral Is. VIII/10/34

61 *Oplismenus compositus*

Raiavarae, Raiavarae, Austral Is.

VIII/10/34

11762 Halophila

63 Vainum, Raiavarae, Austral Is. VIII/10/34

w. cliffs of Mt. Muatapu, Raiavarae, Austral Is.

VIII/11/34

64

65 Abrus precatorius

66 Hibiscus

67 Phyllanthus

68 Doryopteris

69 Plectranthus australe

70 Plumbago zeylanica

71 Emilia

72 ~~Excoecaria~~

73 Boerhaavia

74 Cheilanthes

75

2. side of saddle bet. Mt. Turivas
+ Mt. Muatapu, Raiavarae, Austral Is.

VIII/11/34

75 Doodia

76 Loxoscaphe gibberosum

77 Hypolepis

78 Pteris

79 Allophyllus

80 Coprosma

81 Pteris tripartita

2. side Mt. Turivas, Raiavarae, Austral Is. VIII/11/34

82

11783 Hymenolepis

84 Myoporum

85 ~~Myoporum~~

86 ~~Myoporum~~

87 ~~Myoporum~~

88 Vittaria

89 Plectranthus australe

90 Cheilanthes

91 Asplenium ~~horridum~~

92 ~~Raschia~~ Trametes cingulata Berk.

w. side Mt. Muatapu, Raiavarae, Austral Is. VIII/11/34

93 Daedalea tenuis Berk.

94 Nicotiana tabacum

95 Ipomoea batatas

Raiavarae, Raiavarae, Austral Is.
VII/9/34

96 Bougainvillea

Anatome, Raiavarae, Austral Is.
VIII/13/34

97 Delonix regia

98 Ceiba pentaphylla

w. side of saddle bet.

Mt. Turivas + Mt. Muatapu,

Raiavarae, Austral Is. VIII/13/34
coll. F.R.F. + Y. Kondo

99 Midularia ~~seae~~

Murivahi, Tubuai, Austral Is.

coll. F.R.F. + D. Anderson VIII/16/34

11800 Cyperus

- 11801 Polygonum
 02 Jasminum didymum
 03 Cassytha filiformis

Mataura, Tubuai, Austral Is.

Coll. F.R.F. + Don Anderson VIII/16/34

- 04 Elaeocarpus
 05 Diavella

Coll. F.R.F.

- 06 Gardenia tahitensis
 07 Bougainvillea
 08 Cestrum nocturnum
 09 Coreopsis
 10 Lycopodium
 11 Hibiscus rosa-sinensis
 12 Graptophyllum
 13 Jasminum
 14 Dahlia
 15 Daucus carota
 16 Taraxacum
 17 Tropaeolum majus
 18 Solanum melanogyna
 19 Solanum Lycopersicum
 20 Arachis hypogea
 21 Zinnia
 22 Raphanus sativus
 23 Capsicum frutescens (dill)
 24 Rosa
 25 Brassica oleracea
 26 Fragaria chiloensis
 27 Picum sativum
 28 Oxalis corniculata
 29 Foeniculum vulgare

- 11830 Solanum tuberosum
 31 Codium variegatum
 32 Lactuca sativa
 33 Rumex patientia
 34 Phyllanthus
 35 Allium schoenoprasum
 36 Phaseolus vulgaris

Tamatoa, Tubuai, Austral Is.

Coll. F.R.F. + Anderson
 VIII/23/34

- 37 Bryophyllum calycinum
 38 Canarium odoratum
 39 Colocasia antiquorum var. esculenta
 40 Clerodendron
 41 Lonicera japonica
 42 Rubiaceae
 43 Chrysanthemum
 44 Ocimum basilicum
 45 Leguminosae
 46 Gardenia florida
 47 Papyrus (Broussonetia) papyrifera
 48 Annona muricata
 49 Eugenia malaccensis
 50 Psidium cattleianum
 51 Hebe
 52 Allamanda cathartica var. pendulocarpa
 53 Passiflora edulis
 54 Capsicum
 55 Punica granatum
 56 Artocarpus incisa
 57 Epiphyllum
 58 Panicum ambiguum
 59 Labiatae

11860 *Russellia equisetiformis*

Taahureia, Tubuai, Austral Is.
VIII/23/34

61 *Malvastium coronandelianum*

62 *Mentha spicata*

63 *Lagenaria vulgaris*

64 *Acalypha*

Puputa Valley, w. of Moerai,
Rurutu, Austral Is. VIII/26/34

65 *Coffea arabica*

66 *Quamoclit*

67 *Gardenia tahitensis*

68 *Mangifera indica*

69 *Tacca pinnatifida*

70 *Phaseolus vulgaris*

71 *Lepurina*

Moerai, Rurutu, Austral Is.
VIII/26/34

72 *Melia azedarach*

73 *Criminum*

74 *Funkia*

75 *Tagetes*

76 *Apiastrum*

77 *Euphorbia pulcherrima*

78 *Antigonon leptopus*

79 *Jasminum*

80 *Punica granatum*

81 *Allamanda cathartica* var. *Hendersonii*

82 *Caesalpinia*

83 *Rosa*

84 *Coccoloba renifera*

11885 *Impatiens*

86 *Bauhinia*

87 *Stephanotis*

88 *Murraya exotica*

89 *Thespesia populnea*

90 *Chrysanthemum*

91 *Merium indicum*

92 *Merium odorum*

93 *Inga edulis*

Puputa Valley, above Moerai,
Rurutu, Austral Is. VIII/27/34

94 *Cyperus*

95 *Cichorium*

96

Moerai, Rurutu, Austral Is. VIII/27/34

96 *Fagraea berteriana*

97 *Jussiaea villosa*

98 *Graptophyllum*

99 *Lolix babylonica*

11900 *Diffenbachia*

01 *Cestrum nocturnum*

VIII/28/34

02 *Eugenia*

03 *Tabernaemontana*

04 *Vanilla*

05 *fu*

06 *Citrus medica*

07 *Carica papaya*

08 *Pilea microphylla*

09 *Aster*

10 *Eleusine indica*

11 *Morus nigra*

- 11912 *Solanum lycopersicum*
 19 ~~*Nauclea*~~
 13 *Araucaria excelsa*
 14 *Dianthus caryophyllus*
 15 *Paspalum*
 16 *Adenanthera pavonina*
 17 *Canna*
 18 *Datura fastuosa*
 19 *Pelargonium*
 20 *Citrus limonium*
 21 *Alternanthera*
 22 *Viola ~~dentata~~ odorata*
 23 *Ceiba pentaphylla*
 24 *Plantago major*
 25 *Fragaria chilensis*
 26 *Daucus carota*
 27 *Eclipta alba*
 28 *Euphorbia prostrata*
 29 *Cyperus*
 30 *Eugenia uniflora*
 31 *Dianthus caryophyllus*
 32 *Brassica pe-tsai*
 33 *Cichorium*
 34 *Raphanus sativus*
 35 *Elephantopus scaber*
 36 ~~*Ricinus communis*~~
 37 ~~*Dryopteris dentata*~~
 38 ~~*Platanus*~~
 Puputer Valley, above Moerai,
 Rurutu, Austral Is. VII/28/34
 37 *Dryopteris dentata*
 38 ~~*Platanus*~~
 39 *Colocasia antiquorum var. esculenta*

- 11940 ~~*Angiopsis*~~
 41 *Angiopsis*
 Moerai, Rurutu, Austral Is. VII/28/34
 42 ~~*Nauclea*~~ *Pentas carnea*
 VII/29/34
 43 *Laccharum officinarum*
 44 *Polypodium scolopendrium*
 45 *Pisonia grandis*
caprae
 1
 Tylon
 corbiza
 ogea
 nellifera
 apa
 tabilis
 tea
 utifolia
 atar
 icata
 najus
 ubiquum
 Sketch of locality, special notes, etc.

 Associated species, relative abundance

 negatum
 simum
 tensis
 70 *Cerodendron*

- 11912 Solanum lycopersicum
 19 ~~Nauclea~~
 13 Araucaria excelsa
 14 Dianthus caryophyllus
 15 Paspalum
 16 Adenanthera pavonina
 17 Canna
 18 Datura fastuosa
 19 Pelargonium
 20 Citrus limon

HERBARIUM, BERNICE P. BISHOP MUSEUM
 Honolulu, Hawaii

- 21 Altern
 22 Viola
 23 Ceiba
 24 Plant
 25 Fraga
 26 Daucus
 27 Eclipta
 28 Euphorbia
 29 Cyperus
 30 Eugenia
 31 Didanthe
 32 Brassica
 33 Cichorium
 34 Raphanus
 35 Elephas
 36 Ricinus
 37 ~~Dryopteris~~
 38 ~~Pinus~~
 39 Colocasia
- Family.....
 Lat. name Nauclea
 Nat. name..... Date.....
 Field No..... Herbarium No. 11912
 Collector.....
 Island..... Group.....
 Place..... Altitude 2 m.
 Habit subshrub Height..... m.
 Habitat cultivated
 Flower bright lavender
 Fruit.....
 Native uses.....
 SPECIAL NOTES ON TREES
 Bark.....
 Sapwood.....
 Heartwood.....
 Wood sample No..... Diam. breast high..... cm.

- 11940 ~~Anacardium~~
 41 Angiopteris

Moerai, Rurutu, Austral Is. VIII/28/34

- 42 ~~Nauclea~~ Pentas carnea

VIII/29/34

- 43 Saccharum officinarum
 44 Polypodium scolopendrium
 45 Pisonia grandis
 46 Ipomoea pes-caprae
 47 Vigna lutea
 48 Achyranthes
 49 Cynodon dactylon
 50 Alocasia macrorhiza
 51 Arachis hypogaea
 52 Mopsalea cochineellifera
 53 Mirabilis jalapa
 54 Hibiscus mutabilis
 55 Terminalia
 56 Clitoria ternatea
 57 Plumieria acutifolia
 58 Ipomoea batatas
 59 Annona muricata
 60 Tropaeolum majus
 61 Panicum ambiguum
 62 ~~Ipomoea~~
 63 Hibiscus
 64 Epiphyllum
 65 Atamnosco
 66 Codium variegatum
 67 Persea gratissima
 68 Gardenia tahitensis
 69 Cosmos
 70 Clerodendron

- 11912 *Solanum lycopersicum*
 19 ~~*Nauclea*~~
 13 *Araucaria excelsa*
 14 *Dianthus caryophyllus*
 15 *Paspalum*
 16 *Adenanthera pavonina*
 17 *Canna*
 18 *Datura fastuosa*
 19 *Pelargonium*
 20 *Citrus limonium*
 21 *Alternanthera*
 22 *Viola ~~odorata~~ odorata*
 23 *Ceiba pentaphylla*
 24 *Plantago major*
 25 *Fragaria chilensis*
 26 *Daucus carota*
 27 *Eclipta alba*
 28 *Euphorbia prostrata*
 29 *Cyperus*
 30 *Eugenia uniflora*
 31 *Dianthus caryophyllus*
 32 *Brassica pe-tsai*
 33 *Cichorium*
 34 *Raphanus sativus*
 35 *Elephantopus scaber*
 36 ~~*Ricinus communis*~~
 36 *Ricinus communis*
 37 ~~*Dryopteris dentata*~~
 38 ~~*Maclura*~~
 Puputa Valley, above Moerai,
 Rurutu, Austral Is. VIII/28/34
 37 *Dryopteris dentata*
 38 ~~*Malvaceae*~~
 39 *Colocasia antiquorum var. esculenta*

- 11940 ~~*Nauclea*~~
 41 *Angiopteris*
 Moerai, Rurutu, Austral Is. VIII/28/34
 42 ~~*Nauclea*~~ *Pentas carnea*
 VIII/29/34
 43 *Saccharum officinarum*
 44 *Polypodium scolopendrium*
 45 *Pisonia grandis*
 46 *Ipomoea pes-caprae*
 47 *Vigna lutea*
 48 *Achyranthes*
 49 *Cynodon dactylon*
 50 *Alocasia macrorhiza*
 51 *Arachis hypogaea*
 52 *Mossalea cochineellifera*
 53 *Mirabilis jalapa*
 54 *Hibiscus mutabilis*
 55 *Terminalia*
 56 *Clitoria ternatea*
 57 *Plumieria acutifolia*
 58 *Ipomoea batatas*
 59 *Annona muricata*
 60 *Tropaeolum majus*
 61 *Panicum ambiguum*
 62 ~~*Scroph.*~~
 63 *Hibiscus*
 64 *Epiphyllum*
 65 *Alamoseco*
 66 *Codiaeum variegatum*
 67 *Persea gratissima*
 68 *Gardenia tahitensis*
 69 *Cosmos*
 70 *Clerodendron*

- 11971 *Crinum asiaticum*
 72 *Ipomoea*
 73 *Psidium cattleianum*
 74 *Scaevola frutescens*
 75 *Hernandia*
 76 *Portulaca oleracea*
 77 *Cenchrus echinatus* var. *Hillebrandii*
 78 *Solanum nigrum*
 79 *Datura*
 80 *Vigna sinensis*
 81 *Vitex trifolia*
 82 *Capsicum*
 83 *Cucurbita*
 84 *Hippeastrum*
 85 *Gomphrena globosa*
 86 *Acanthaceae*
 87 *Graptophyllum*
 88 *Begonia*
 89 *Zehneria pendula*
 90 *Exora macrothyrsa*
 91 *Lochnera rosea*
 92 *Thunbergia*
 93 *Hibiscus*
 94 *Leguminosae*
 95 *Commelina nudiflora*
 96 *Echinochloa crus-galli*
 97 *Hibiscus tiliaceus*
 98 ~~98~~
 99 ~~99~~
 12000 *Lichen*
 01 *Lichen*
- Mato, Naa, Rurutu, Austral Is.*
 VIII/30/34

- 12002 *Lichen*
 03 *Lichen*
 05 *Boerhaavia*
 06 *Oxalis corniculata*
 07 *Korthalsella*
 08 *Psidium guajava*
 09 *Vitaria, Rurutu, Austral Is. VIII/31/34*
 10 *Solanum tuberosum*
 11 *Adenostemma viscosum*
 12 *Eriogon*
 13 *moss*
 14 *Ipomoea*
 15 *Trametes cingulata*
- Mato Tea, Rurutu, Austral Is.*
 16 *Ipomoea*
 17 *Wedelia biflora*
 18 *Paspalum*
 19 *moss*
 20 *Sesuvium portulacastrum*
 21 *Piper*
 22 *Procris pedunculata*
 23 *Cyperus pennatus*
 24 ~~*Dioscorea*~~
Ruputa Valley, above Moerai
Rurutu, Austral Is. VIII/31/34
Coll. F. R. T. & G. de la...
 24 *Dioscorea*
 25 *Lichen*
Ref. bet. Moerai +avera
Rurutu, Austral Is. IX/3/34
 26 *Digitaria*
 27 *Digitaria*
 28 *Inga edulis*

- 17029 Avera, Rurutu, Austral Is. IX/3/34
 30 *Tamarindus indicus*
 31 *Anacardium occidentale*
 32 *Clerodendron*
 33 *Gerbera*
 34 *Peperomia*
 35 *Chrysanthemum*
 36 *Gossypium barbadense* var. *insulare*
 37 *Cassia alata*

Rd. bet. Moerae, Avera, Rurutu

- 38 *Ipomoea* Austral Is. IX/3/34

39 *Polyporus immaculatus* Berk. Iromana, Rimatara, Austral Is. IX/5/34

40 *Bryophyllum calycinum*

41 *Eugenia malaccensis*

42 *Desmodium gangeticum*

43 *Miscanthus japonicus*

44 *Casuarina orbiculare*

45 *Gleichenia linearis*

46 *Hepatica*

47 *Lichen*

48 *Brassica*

49 *Manihot utilisissima*

50 *Premna*

Stream near Mutuana, Rimatara

Austral Is. IX/5/34

- 51 *Cyperus*
 52 *Cordyline fruticosa*
 53 *Dryopteris dentata*

- 17054 *Blechnum orientale*
 55 *glochidion*

Road sw. Anapots, Rimatara, Austral Is. IX/5/34

56 *Barringtonia speciosa*

57 *Barringtonia speciosa*

58 *Acacia*

59 *Ocimum*

Anapots, Rimatara, Austral Is. IX/5/34

60 *Dichrocephala integrifolia* (L.f.) O.K.

61 *Cocos nucifera*

S.e. islet, Maria, Austral Is. IX/6/34

62 *Gramineae*

63 *Polyporus*

64 *Luriana maritima*

65 *Pisonia umbellifera*

66 *Lepidium bidentoides*

67 *Timonius*

68 *Lepturus repens*

69 *Pandanus*

70 *Achyranthes velutina*

71 *Boerhaavia*

72 *Pandanus*

73 *Fleurya nodosa*

74 *Pandanus*

75 *Pandanus*

76 *Scaevola frutescens*

77 *Cassytha*

78 *Triumfetta procumbens*

79 *Calophyllum inophyllum*

80 *Psilotum nudum*

- 17031 *Nephrolepis*
 82 *Lepturus repens*
 83 *Asplenium nidus*
 84 *Polypodium scolopendrium*
 85 *Heliotropium anomalum*
 86 *Guettarda speciosa*
 87 *Tournefortia argentea*

Middle Islet, Maria, Austral Is.
 IX/6/34

- ~~87 Boerhaavia~~
 88 *Fleurya nuda*
 89 *Ipomoea*
 90 *Cocos nucifera*
 91 *Polypodium scolopendrium*
 92 *Triumfetta procumbens*
 93 *Gouldia romanzoffiana*
 94 *Gouldia romanzoffiana*
 95 *Heliotropium anomalum*
 96 ~~*Ipomoea*~~
 97 *Leaevola frutescens*
 98 *Nephrolepis*
 99 *Luriana maritima*
 100 *Lepidium bidentoides*
 01 *Guettarda speciosa*
 02 *Pisonia umbellifera*
 X 03 *Tournefortia argentea*
 04 *Asplenium nidus*
 05 *Lepturus repens*
 06 *Pandanus*

Col. F. R. T. & C. M. Cooke Jr.

- S.W. Islet, Maria, Austral Is. IX/6/34
 07 *Nephrolepis*
 08 *Polypodium scolopendrium*

- 17109 *Asplenium nidus*
 10 *Psilotum nudum*
 11 *Luriana maritima*
 12 *Heliotropium anomalum*
 13 (accidentally omitted) ^{caespitosa}
 14 *Pisonia umbellifera*
 15 *Morinda citrifolia*
 X 16 *Tournefortia argentea*
 17 *Calophyllum inophyllum*
 18 *Leaevola frutescens*
 19 *Triumfetta frutescens*
 20 *Guettarda speciosa*

Middle Islet, Maria, Austral Is.
 IX/6/34

21 Boerhaavia

Haapu, s. side of bay, Huahine,
 Society Is. IX/3/34

- 22 *Hibiscus tiliaceus*
 23 *Hibiscus tiliaceus*
 24 *Hibiscus tiliaceus*
 25 *Hibiscus tiliaceus*
 26 *Hibiscus tiliaceus*
 27 *Hibiscus tiliaceus*
 28 *Hibiscus tiliaceus*

Haapu, n. side of Bay, Huahine,
 Society Is. IX/3/34

- 29 *Hibiscus tiliaceus*
 30 ~~*Hibiscus tiliaceus*~~
 31 ~~*Hibiscus tiliaceus*~~
 32 ~~*Hibiscus tiliaceus*~~
 33 *Hibiscus tiliaceus*

- 12134 Hibiscus tiliaceus
 35 Thespesia populnea
 36 Erythrina

Fare, Huahine, Society Is. X/1/34

- 37 Hibiscus tiliaceus

Papenoo Valley, Tahiti, Society Is.

38

Haamene, Tahaa, Society Is. X/10/34

- 39 Gleichenia linearis

Islet in Haamene Bay, Tahaa,
 Society Is. X/10/34

- 40 Calophyllum inophyllum

41 ~~Calophyllum~~ ~~inophyllum~~

- 42 Humata

- 43 Achromanthum aureum

- 44 Cyperus

- 45 Nephrolepis

- 46 Davallia solida

- 47 Miscanthus japonicus

- 48 Dryopteris

- 49 Taeniophyllum

- 50 Oplismenus

- 51 Wikstroemia

- 52 ~~Miconia~~

Borabora W. ridge Mt. Pahio, Borabora,
 Society Is. X/13/34

53

- 54 Glochidion

- 55 Wikstroemia

- 12156 Pipturus?

57

Mancha? ~~Mancha~~?

58

Pipturus?

59

Phyllanthus

60

Tephrosia purpurea

61

Ficus tinctorius

62

Oplismenus

63

Davallia solida

64

Dryopteris

65

Nephrolepis

Vaitape, Bora Bora, Society Is.
 X/14/34

66

Hibiscus tiliaceus

67

Hibiscus tiliaceus

68

Hibiscus tiliaceus

69

Hibiscus

London, Christmas I. Line Is.
 X/22/34

- 70 Panicum

71

Leucaena glauca

72

Cyperaceae

Kaneohe, Oahu, Hawaiian Is.

XII/2/34

12173 *Canavallia lineata*

Waikane-Schofield Trail, Waikane, Oahu, H.I.

XII/2/34

74 *Gleichenia linearis*

Waikane-Schofield Trail, head of Kahana V. Kahana, Oahu, H.I.

XII/2/34

75 *Pipturus*76 *Pipturus*77 *Scaevola gaudichaudiana*78 *Lobelia hypoleuca*79 *Eupritchardia*80 *Gouldia terminalis* v. *typica* f. *robusta*81 *Gouldia terminalis* v. *typica* f. *robusta*

Waikane-Schofield Trail, Kahana-Waianae divide, Oahu, H.I.

XII/2/34

82 *Gouldia terminalis* var. *conacea*83 *Gouldia*84 *Gouldia terminalis* var. *conacea*85 *Gouldia terminalis* var. *conacea*86 *Gouldia*

Honolulu, Oahu, H.I. XII/3/34

87 *Pereskia aculeata*~~12188~~ North ridge Kahalun Valley, Koolau Mts. Oahu, H.I. July 4, 193512189 *Blumea laciniata*89 *Phyllanthus sandwicensis*90 *Diospyros* ^{f. *var.*} *sandwicensis* f. *sandwicensis*91 *Erechtites hieracifolia* (L.) Raf.92 *Scaevola gaudichaudiana* f. *leucocarpa*93 *Straussia*

Small gulches on north slope of Kahalun Valley, Koolau Mts. July 4, 1935

94 *Scaevola gaudichaudiana*95 *Pteridium aquilinum*96 *Cyrtandra longifolia* Hb. var. *calpidicarpa* ^{Rock}97 *Pipturus*98 *Pipturus*99 *Euphorbia multiflora* var. *microphylla*12200 *Cyrtandra lapiflora* ^{Mann} _{sub. *calpidicarpa* Rock}

Bottom of Kahalun Valley Koolau Mts. July 4, 1935

01

02

03 *Ceratopteris thalictroides*04 *Monochoria vaginalis*05 *Eclipta alba*

Heeia Bridge, Heeia, July 4, 1935

06 *Bruguiera*07 *Bruguiera*

Honolulu, Kamehame Park, July 5, 1935

08

~~12207~~ Makapuu, July 6, 1935
12209 Scheidea

Kealahipapa Valley, Maunaloa

12210 abutilon

July 6, 1935

Honolulu, U. H. Campus, July 8, 1935

11 Elaeodendron

12 Elaeodendron

13 Elaeodendron

Manana Valley, July 8, 1935

14 Pongamia pinnata

Manoa (Waiki) Falls, Manoa Valley, Koolau Mts. July 3, 1935

15 Trichomanes parvulum

Manoa Cliff Trail, Koolau Mts.

July 13, 1935

16 ^{fovea var.} Diospyros sandwicensis b. sandwicensis

17 Plantago

18 Xylozma hawaiiense

19 Gouldia terminalis, var. typica, f. gracilis

20 Youngia japonica subsp. Elatoni

21

22 Korthalsella complanata

23 Viola trachelifolia

Honolulu, Roundtop Drive, July 13, 1935

24 Carissa

Honolulu, Manoa, Quinn Garden, July 13, 1935

25 Tillandsia usneoides L.

Honolulu, Ala Moana Blvd. July 11, 1935

12226 Heliotropium curassavicum

27 Pluchea odorata

Dillingham Blvd. Pearl Harbor;

July 13, 1935

28 Pluchea indica

29 Pluchea odorata

Manoa Valley, Honolulu, July 14, 1935

30 Cedrela

Foster Gardens, Honolulu, July 16, 1935

31 Rongellectia

Pupukea-Kahuku Trail, Koolau Mts.

Panama-Waimea, July 20, 1935

32 Erechtites hieracifolia (L.) Raf.

33 Maba Hillebrandii

34 Korthalsella complanata

35 Bobea

36 Solanum nigrum

37 Scaevola gaudichaudiana, f. leucocarpa

Pupukea-Kahuku Trail, Koolau Mts.

Kaunala-Waimea, July 20, 1935

38 Selaginella Menziesii Spr.

39 Ochrosia sandwicensis Gray

40 Zanthoxylum

41 Luttonia

U. H. Campus, Honolulu, July 25, 1935

42 Euphorbia Timocalli

Koolau Mts. July 27, 1935

- Waikane - Schofield Trail, Waikane
 12243 *Colocasia antiquorum*, var. *esculentum*
 44 *Hydrocotyle*
 45 *Tetraplasandra*

Waikane - Schofield Trail, Koolau Mts.

Kahana

July 27, 1935

- 46 *Lycopodium selrattum*
 47 *Bidens*
 48 *Pittosporum*
 49 *Labordia*
 50 *Hedyotis corymbosa*, v. *lucida*, f. *glomerata*
 51 *Nothoecium*
 52 *Nerandia*
 53 *Eupritchardia*

Waikane - Schofield Trail, Koolau Mts.

Kahana - Waianaeuka Divide, July 27, 1935

- 54
 55 *Pelea homoluhensis* St. John

Punaluu Valley, Koolau Mts.

Aug. 3, 1935

- 56 *Artemisia*

Kailua, near base of Mts. Sept. 30, 1935

- 57 *Pluchea odorata*

University Campus, Honolulu, Sept. 30

- 58

Pupukea Station, Pupukea, Oct. 6, 1935

- 59 *Chenopodium ambrosioides*

Pupukea - Kahuku Trail, Koolau Mts. Paumotu - Waiwae Oct. 6, 1935

- 12260 *Eucalyptus*
 61 *Wikstroemia*
 62 *Osmanthus sandwicensis*

Pupukea - Kahuku Trail

Koolau Mts. Kaunala, Oct. 6, 1935

- 63 *Nothoecium*
 64 *Gouldia terminalis*, var. *typica*, f. *robusta*
 65 *Andropogon*
 66 *Fimbristylis*
 67 *Clermontia*
 68 *Cyrtandra propinqua* Forbes
 69 *Pteralyxia macrocarpa*
 70 *Straussia Mariniana*
 71 *Eugenia sandwicensis*
 72

Pupukea - Kahuku Trail

Koolau Mts. Hanalei Oct. 6, 1935

- 73 *Ophioglossum pendulum*

Pupukea - Kahuku Trail

Koolau Mts. Paumotu, Oct. 6, 1935

- 74 *Gahnia*

Top of Muanu Pali, Road, Oct. 14, 1935

- 75 *Elaginella arbuscula* (Kuhn) Spring. det. 1/46
 76 *Cyperus*
 77 *Apium*
 78 *Lepidium*
 79 *Brija minor*
 80 *Stenotaphrum secundatum*

- 12281 *Carex wahuensis*
82 *Cyperus*

- Kailua Beach, Oct. 14, 1935 with V.O.F.
83 *Scirpus maritimus*
84 ~~*Scirpus*~~ *Cyperus laevigatus* ^{det} ~~K. Hall~~
85 *Fimbristylis cynosa*

- Cooper Ranch Inn, Hamula Oct. 27, 1935
86 *Passiflora suberosa*
87 *Hibiscus*

- Ridge s.e. Maakua Gulch, Hamula
Oct. 27, 1935
88 *Selaginella Menziesii*
89 *Wikstroemia*

- 90 *Elaphoglossum*
91 *Lutlonia*

- 92 *Elaphoglossum*
93 *Elaphoglossum*

- 94 *Wikstroemia*

- 95 *Dianella*

- 96 *Phyllanthus sandwicensis*

- 97 *Bidens*

- 98 *Styphelia Tameiameiae*

- 99 *Styphelia*

12300

Papali

- Gulch s.e. Maakua Gulch, Hamula
Oct. 27, 1935

- 01 *Lepidoptera*

- 02 *Lepidoptera*

- 03 *Lepidoptera*

- 04 *Lepidoptera*

- 12305 *Lepidoptera*

- 06 *Lepidoptera*

- 07 *Lepidoptera*

- 08 *Lepidoptera*

- 09 *Lepidoptera*

- 10 *Lepidoptera*

- 11 *Lepidoptera*

- 12 *Lepidoptera*

- Popoia Island, Kailua, Nov. 7, 1935
13 *Sargassum polyphyllum* J. Ag.
14 ~~*Turbinaria*~~ *Sargassum*
15 *Dictyota*
16 *Lycium carolinianum*, var. *sandwicense*
17

- ~~18~~ Muanu Stream, School St. Honolulu
Nov. 9, 1935

- 19 *Discliptera chinensis*

- Waikane-Schofield Trail, Waikane,
Nov. 10, 1935

- 20 *Delissea*

- Waikane-Schofield Trail, Head of
Kahana Valley Nov. 10, 1935

- 21 *Cyrtandra*

- 22 *Cyrtandra*

- 23 *Cyrtandra*

- 24 *Phyllostegia parviflora*

- 25 *Sadleria*

- 26 *Sadleria cyathoides*

- 27 *Bidens*

- 28 *Lepidoptera*

} with
K.O.F.

- ~~12329~~ Wai Kane - Lehi Field Trail,
Kahana - Waianae divide, Nov. 10, 1935
12329 *Straussia*
30 *Straussia*
31 *Trichomanes devallioides* Gaud.
32 *Tetraplasandra*
33 *Sanicula purpurea*
34 *Plantago*
35 *Trematolobelia macrostachys*

36 Honolulu, Metcalf + Marques St. 11/16/1935

- Makua Valley, Fla., 11/17/1935
37 *Argemone alba* det. Martin

- Makua Valley, S. side, 11/17/1935
38 *Wikstroemia*
39 *Wikstroemia*
40 *Wikstroemia*
41 *Wikstroemia*
42 *Chapentieria*
43 *Cardamine*
44 ~~*Wedelia*~~ *Wedelia* *acuminata*, f. Grayana
45 *Antidesma pulvinata*
46 *Pteris*
47 *Cyrtomium canystideum*
48 *Asplenium*
49 *Artemisia*
50 *Myoporum sandwicense*
51 *Santalum Freycinetianum*
52 *Artemisia*
53 ~~*Prunella*~~ *salvia occidentalis*
54 *Pelea peduncularis* H. Lereille

- 12355 *Doryopteris decora*
56 *Straussia*
57 *Cassia gaudichaudii*
58 *Phyllanthus sandwicensis*
59 *Cocculus*
60 *Pittosporum*
61 *Dianella sandwicensis*
62 *Peperomia sandwicensis*

Kailua Beach 11/20/1935

- 63 *Sporobolus virginicus*
64 *Eleocharis obtusa* (Willd.) Schultze, var. *enotata* Hed.
det. H.K.S.

Lanikai, Kailua 11/20/1935
65 *Salvia leucantha*

- Honolulu, Liloa Rise 11/25/1935
66 *Cordia*
67 *Solanum*

Ridge bet. Kaiholena + Halopoe gulches,
Lanai 552m. 11/28/1935
68 *Psilotum nudum*

Plateau at head of Kaiholena gulch
11/28/1935

69 *Kalanchoe*

Divide at head of Kapahulu gulch 11/28/1935

- 3 sp. together
70 *Wikstroemia*
71 *Wikstroemia*
72 *Wikstroemia*
73 *Gaultheria*
74 *Gaultheria*

- ~~12373~~ 12373 *Pum aalii* 11/28/1935
 12374 *Gouldia St. Johnii* var. *Munroi* x *G. terminalis* var. *pseudodichotoma*?
 75 *Gouldia St. Johnii* var. *Munroi*
 76 *Dubautia laxa* var. *hirsuta*
 77 *Broussaisia*
 78 *Sadleria* ^{*pallida* H.K. & Ann. et. Minard & Lloyd 180}
 79 *Polypodium Tamariscinum*
 80 *Scaevola*
 81 *Cyrtandra*
 82 *Cyrtandra*
 83 *Gouldia St. Johnii* var. *Munroi*
 84 *Straussia*

- Ridge n.w. Lanaihale 11/28/1935
 85 *Cheirodendron*
 86 *Polypodium*
 87 *Peperomia latifolia*
 88 *Polypodium*
 89 *Buttonia*
 90 *Gouldia St. Johnii* var. *Munroi*
 91 *Gouldia St. Johnii* var. *Munroi*
 92 *Gouldia St. Johnii* var. *Munroi*
 93 *Coprosma* ~~*rubra* v. *spicilifera* (figs)~~
 94 *Polypodium*
 95 *Peperomia latifolia*
 96 *Hymenophyllum recurvum*
 97

- Lanaihale Ridge 11/28/1935
 98 *Gouldia terminalis* var. *pseudodichotoma* x *G. St. Johnii* var. *Munroi*
 99 *Gouldia St. Johnii* var. *Munroi*
 12400 *Cheirodendron*
 01 *Clermontia*

- Haalelepaakai 11/28/1935
 12402 *Hedyotis centranthoides* v. *centranthoides* f. *metata*
 03 *Vaccinium*
 04 *Straussia*
 05 *Straussia*
 06 *Cyrtandra*
 07 *Gouldia St. Johnii* var. *Munroi*
 08 *Scaevola*
 09 *Hedyotis centranthoides* v. *centranthoides* f. *hirta*
 10 *Phyllanthus sandwicensis*
~~var. *oblongifolius* f. *rubrus*~~

- Head of Waialeale Gulch, 11/28/1935
 11 *Gouldia terminalis* var. *pseudodichotoma*
 12 *Gouldia terminalis* var. *subcordata*
 13 *Straussia*
 14 *Wikstroemia*
 15 *Eugenia sandwicensis*
 16 *Labordia tinifolia* var. *lanaiensis*
 17 *Cyanea Baldwinii*
 18 *Cyrtandra*

- Ridge s. Haalelepaakai 11/28/1935
 19 *Leptospermum*
 20 *Leptospermum*
 21 *Raillardia Dubautia scabra* var. *leiophylla*
 22 *Vaccinium*
 23 ~~*moose*~~
 24 *Liparis hawaiiensis*
 25 *Gouldia* ~~*St. Johnii*~~ var. *Munroi*
 26 *Ostermeles anthyllidifolia*
 27 *Gahnia Gardichaudii*
 Kaohahi, steep w. slope. 11/28/1935
 28 *Santalum ellipticum*

- 12429 *Pteridium aquilinum*
 30 *Styphelia tameiameia*
 31 *Metrosideros*

Lanaihale ridge, 11/29/35

- 32 *Veronica*
 33 *Wikstroemia*
 34 *Embelia pacifica*
 35 *Pipturus*
 36 ~~Melastomaceae~~ *Meyenii*
 37 *Nephrolepis exaltata cordifolia*

Haalelepaakai ridge 11/29/35

- 38 *Gouldia St. Johnii* var. *Munroi*
 39 *Coprosma* ~~pubens v. asplenifolia~~
 40 *Cyrtandra*
 41 *Pipturus*
 42 *Buttonia*
 43 *Cyrtandra*
 44 *Gouldia St. Johnii* var. *Munroi*
 45 *Dryopteris*
 46 *Straussia*
 47 *Gleichenia ouyghense*

Saddle bet. Lanaihale and
 Haalelepaakai 11/29/35

- 48 *Styphelia Tameiameia*
 49 *Wikstroemia*
 50 *Gleichenia glauca*

Ridge s. Puu Aalii, 11/30/1935

- 51 *Peperomia latifolia*
 52 *Straussia*
 53 *Peperomia erythroclada*

- 12454 *Athyrium*
 55 *Peperomia remyi*
 56 *Gleichenia linearis*
 57 *Gleichenia*
 58 *Gahnia Beecheyi*

Puu Aalii 11/30/1935



Puu Aalii,
 drainage and
 11/30/1935

St. Johnii var. *Munroi*

remyi var. *remyi*
linearis
sandwicensis
v. lanaiensis

Munroi
ovata f. *ovata*
ensis

colatum

- 77 *Gouldia terminalis* var. *subcordata* X *St. Johnii* var. *Munroi*
 78 *Straussia*
 79 *Hedyotis acuminata* f. *St. Johnii*
 80 *Carex burmea*
 81 *Dianella sandwicensis*
 82 *Gouldia terminalis* var. *subcordata* X
St. Johnii var. *Munroi*

- 12429 *Pteridium aquilinum*
 30 *Styphelia tameiameia*
 31 *Metrosideros*

Lanaihale ridge. 11/29/35

- 32 *Veronica*
 33 *Wikstroemia*
 34 *Embelia*
 35 *Pipturus*
 36 *Mezadictyon*
 37 *Nephrolepis*

- Haalelele
 38 *Gouldia*
 39 *Coprosma*
 40 *Cyrtandra*
 41 *Pipturus*
 42 *Luttonia*
 43 *Cyrtandra*
 44 *Gouldia*
 45 *Dryopteris*
 46 *Straussia*
 47 *Gleichenia*

Saddle
 Haalele

- 48 *Styphelia*
 49 *Wikstroemia*
 50 *Gleichenia*

Ridge s. Pun Aalii

- 51 *Peperomia latifolia*
 52 *Straussia*
 53 *Peperomia erythrolada*

11/30/1935

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51 A PENNSYLVANIA WATERFALL

This beauty view can not be seen from your car window, but the eye-filling natural loveliness and the low music of the water, are ample reward for the short walk up the creek side.

A PENNSYLVANIA BEAUTY VIEW

- 12454 *Athyrium*
 55 *Peperomia remyi*
 56 *Gleichenia linearis*
 57 *Gleichenia*
 58 *Gahnia Beecheyi*

- Pun Aalii* 11/30/1935
 59 *Peperomia remyi*

Ridge below Pun Aalii,
 bet. Maunalei drainage and
 Hauola drainage 11/30/1935

- 60 *Delphinella*
 61 *Gouldia St. Johnii* var. *Munroii*
 62 *Luttonia*
 63 *Hedyotis Schlechtendukhaii* esp. *remyi* var. *remyi*
 64 *Polypodium linearis*
 65 *Cissanthus sandwicensis*
 66 *Chloris gayana*
 67 *Coprosma laurii* v. *lanaiensis*
 68 *Luttonia*
 69 *Straussia*
 70 *Boea elatior*
 71 *Gouldia St. Johnii* var. *Munroii*
 72 *Gouldia terminalis* var. *ovata* f. *obovata*
 73 *Ilex sandwicensis*
 74 *Cyrtandra*
 75 *Cirsium lanceolatum*
 76 *Luttonia*
 77 *Gouldia terminalis* var. *subcordata* X *St. Johnii* var. *Munroii*
 78 *Straussia*
 79 *Hedyotis acuminata* f. *St. Johnii*
 80 *Carex burreana*
 81 *Dianella sandwicensis*
 82 *Gouldia terminalis* var. *subcordata* X *St. Johnii* var. *Munroii*

- 12429 *Pteridium aquilinum*
 30 *Styphelia tameiameia*
 31 *Metrosideros*

Lanaihale ridge. 11/29/35

- 32 *Veronica*
 33 *Wikstroemia*
 34 *Embelia pauciflora*
 35 *Pipturus*
 36 ~~*Macadium*~~ *Meyenii*
 37 *Nephrolepis ~~exaltata~~ cordifolia*

Haalelepaakai ridge 11/29/35

- 38 *Gouldia* St. Johnii var. Munroii
 39 *Coprosma ~~pubens v. angustiflora~~ ~~straccata~~ longistylis*
 40 *Cyrtandra*
 41 *Pipturus*
 42 *Luttonia*
 43 *Cyrtandra*
 44 *Gouldia* St. Johnii var. Munroii
 45 *Dryopteris*
 46 *Ltraussia*
 47 *Gleichenia oxyrhense*

Saddle bet. Lanaihale and
 Haalelepaakai 11/29/35

- 48 *Styphelia tameiameia*
 49 *Wikstroemia*
 50 *Gleichenia glauca*

Ridge s. Pui Aalii 11/30/1935

- 51 *Peperomia latifolia*
 52 *Ltraussia*
 53 *Peperomia erythroclada*

- 12454 *Athyrium*
 55 *Peperomia remyi*
 56 *Gleichenia linearis*
 57 *Gleichenia*
 58 *Gahnia Beecheyi*
 Pui Aalii 11/30/1935

- 59 *Peperomia remyi*

Ridge below Pui Aalii,
 bet. Maunalei drainage and
 Hanuola drainage 11/30/1935

- 60 ~~59~~ *Helaginella*
 61 *Gouldia* St. Johnii var. Munroii
 62 *Luttonia*
 63 *Hedyotis Schlechtendahlia* esp. *remyi* var. *remyi*
 64 *Polypodium lineare*
 65 *Cuscuta sandwicensis*
 66 *Chloris gayana*
 67 *Coprosma laevis* v. *lanaiensis*
 68 *Luttonia*
 69 *Ltraussia*
 70 *Boea elatior*
 71 *Gouldia* St. Johnii var. Munroii
 72 *Gouldia terminalis* var. *ovata* f. *obovata*
 73 *Ilex sandwicensis*
 74 *Cyrtandra*
 75 *Cirsium lanceolatum*
 76 *Luttonia*
 77 *Gouldia terminalis* var. *subcordata* X *St. Johnii* var. *Munroii*
 78 *Ltraussia*
 79 *Hedyotis acuminata* f. *St. Johnii*
 80 *Carex burreana*
 81 *Dianella sandwicensis*
 82 *Gouldia terminalis* var. *subcordata* X
St. Johnii var. *Munroii*

- 12483 *Gouldia* *st-johnii* var. *Munroii*
 12484 *Gouldia* *st-johnii* var. *Munroii* x *G. terminalis* var. *pseudodichotoma*
 85 *Suttonia*
 86 *Polypodium*
 87 *Polypodium pseudogrammitis*
 88 *Sachne distichophylla*
 89 *Wikstroemia*
 90 *Wikstroemia*
 91 *Gouldia* *st-johnii* var. *Munroii*
 92 *Wikstroemia*

Ridge n. Kaiholena gulch 11/30/1935
 93 *Canthium odoratum*

Small gulch bet. Kaiholena
 and Hulopoe Gulches 11/30/1935

- 94 *Hesperomannia*
 95 *Gouldia terminalis* var. *boberides* (?) x *G. st-johnii* var. *Munroii*
 96 *Straussia*
 97 *Straussia*
 98 *Hedyotis acuminata* f. *st-johnii*
 99 *Xylosma hawaiiense*
 12500 *Xylosma hawaiiense*
 01 *Cyrtandra*
 02 *Gouldia terminalis* var. *subcordata* x var. *pseudodichotoma*
 03 *Hedyotis Schlechterdahlina*, sp. *Remyi* f. *Remyi*
 04 *Suttonia*

- Ridge n. Kaiholena gulch 11/30/1935
 05 *Dubautia plantaginea* var. *chamissonis*
 06 *Cocculus*
 07 *Euphorbia celastroides* var. *amplexans*
 08 *Santalum*
 09 *Perrottetia sandwicensis*

- 12510 *Phyllanthus sandwicensis*

~~12511 *Phyllanthus*~~
~~12512 *Phyllanthus*~~

Flat topped ridge n. w. Pen *Ateli*
 11/30/1935

- 11 *Bohea*
 12 *Bohea*
 13 *Alyxia olivaeformis*
 14 *Broussaisia*
 15 *Ilex sandwicensis*
 16 *Broussaisia arguta*, var. *arguta* f. *arguta*
 17 *Cladium angustifolium*

Road 1 km. n. Koale, 12/1/1935

- 18 *Emilia flammea* *coriacea* (Hilleb.) *ten.*
 19 *Jaquemontia sandwicensis*

Flats above head of
 Hawaii Lanai gulch 12/1/1935

- 20 *Dodonaea viscosa*
 21 *Cassia gaudichaudii*
 22 *Sida fallax*
 23 *Myoporum sandwicensis*
 24 *Melinis minutiflora*
 25 *Myoporum sandwicensis*
 26 *Lidoxylon*
 27

Keonehechee 12/1/1935

- 28 *Abutilon* *eremophilum* *capitatum*
 29 *Euphorbia celastroides* var. *amplexans*
 30 *Bohea Hookeri*
 31 *Lophora chrysophylla*
 32 *Bohea* *Munroii*
Haplocladus

- 12533 *Gardenia Brighami*
 12534 *Tetraplasandra*
 35 *Santalum*
 36 *Chrysophyllum*
 37 *Psychotria*
 38 *Luttoria*
 39 *Santalum*
 40 *Procris*

Near Kaneohe 12/1/1935

- 41 *Gardenia Brighami*
 42 *Sporobolus indica*
 43 *Abutilon eremipetalum*
 44 *Passiflora latifolia occidentalis*
 45 *Psychotria*
 46 *Pteridium aquilinum*
 47 *Diospyros ~~ferrea~~ var. Degeneri f. lanaiensis*
 48 *Gardenia Brighami*
 49 *Asmanthus sandwicensis*
 50 *Pennisetum setosum*
 51 *Myoporum sandwicense*
 52 *Nothocestrum*
 53 *Diospyros ferrea* var. Degeneri f. lanaiensis

Maunalei Gulch, bet. Kaniki & Pump house. 12/2/1935

- 54 *Artemisia mauiensis*
 55 *Pipturus* Kaesalii, Maunalei Gulch, 12/2/35
 56 *Pipturus*
 57 *Adiantum capilliz-veneris*
 58 *Microlepia strigosa* (Thunb.) Presl det D. L. Hillebrand
 59 *Dryopteris*
 60 *Oplismenus hirtellus*

Maunalei Gulch, Kaniki, 12/2/1935

- 12561 *Lipochaeta lamarum* var. *longifolia*
 62 *Doryopteris*
 63 *Plectranthus australis*
 64 *Peperomia leptostachya*
 65 *Cyperus*
 66 *Blechnum occidentale*
 67 *Achyranthes*
 68 *Euphorbia celastroides* var. *amplectens*?
 69 *Erythrina sandwicensis*

Wall of Maunalei Gulch, above Kaniki 12/2/1935

- 70 *Artemisia mauiensis*

Kaibolena Gulch 12/3/1935

- 71 *Canavalia*
 72 *Gouldia terminalis* var. *boberides* x var. *subcordata*
 73 *Peperomia mauiensis*
 74
 75
 76 *Peperomia remyi*
 77
 78 *Urera*
 79 *Gouldia terminalis* var. *lanai*
 80 *Pseudomorus Brunoniana*
 81 *Cyanea*
 82 *Peperomia latifolia*
 83 *Cyrtandra*
 84 *Gouldia* St. Johnii var. Munroii x *G. terminalis* var. *lanai*
 85 *Trichomanes davallioides*
 86 *Peperomia reflexa*, var. *parvifolia*
 87 *Peperomia Remyi*
 88 *Pteris caudata* Gaudich. det D. L. Hillebrand 12/3/35

12596a Cyrtandra lipiosepalu (Gray) Clarke

- 589 Pittosporum
 90 ~~Lidocarpus~~
 91 Luttonia
 92 Cyrtandra lipiosepalu (Gray) Clarke
 93 Pittosporum
 94 Gouldia St. Johnii var. Munroii x 9. terminalis ^{sandwichiana}
 95 Coprosma
 96 Trichomanes davallioides
 97 Pipturus
 98 Pipturus
 99 Gouldia terminalis var. subcordata
 12600 Xylosma hawaiiense
 01 Cyrtandra lipiosepalu (Gray) Clarke
 02 ~~Myrsine acuminata~~ / subsessilis
 03 Asplenium
 04 Coniogramme pilosa
 05 Cyrtandra lipiosepalu
 06 Gouldia terminalis var. subcordata
 07 Cyanea angustifolia
 08 Santalum lanaiense

Kaala Trail above Schofield
 s.e. base Puu Kaala ^{Waianae Mts. Waianae} 12/7/1935

- 09 Casuarina
 10 Acacia koa
 11 ~~Elaeagnus~~
 12 Elaeagnus bifidus
 13 Coprosma Faurii var. oahuensis
 14 Myoporum sandwicense
 15 Cyperus

M. wall Haleaenau Valley

- 12 Waianae Mts, Waianae 12/7/1935
 16 Dubautia plantaginea var. chamissonis

- 126 17 Lycopodium
 18 Peperomia reflexa, var. parvifolia
 19 Dubautia laza var. waianensis
 20 Elaphoglossum

Summit plateau, Mt. Kaala,
 north edge at top of cliffs.
 Waianae Mts. Oahu 12/7/1935

- 21 Gleichenia oxyphylla
 22 Cyrtandra Lessoniana Gaud.
 23 Dubautia laza var. waianensis
 24 Styphelia tameiameia
 25 Pelea kauaensis St. John
 26 Polystichum
 27 Anoea tochioides sandwicensis
 28 Alsinioidendron tinerve
 29 Astelia

S. ridge Kipapa Gulch, Waipio
 12/22/1935

- 30 Elaphoglossum reticulatum (freak)
 31 Gouldia terminalis var. coriacea
 32 Gouldia terminalis var. typica

Kanae Kuluwulu Ranger Station,
 Kokee Kauai 12/28/1935

- 33 Luttonia
 34 Santalum pygmaeum
 35 Psychotria
 36 Dactyloctenium aegyptium
 37 Festuca
 38 Cyperus
 39 Psychotria

(with V.O.F.)
 (12/28/1935)

n.w. side Kumuwela Ridge, above Kokee

12/28/1935

- 12640 *Dubautia latifolia*
41 *Stenogyne purpurea*
42 *Suttonia*
43 *Xylosma hawaiiense*
44 *Wikstroemia*

s.e. side Kumuwela Ridge, above

Wairua Canyon

12/28/1935

- 45 *Festuca*
46 *Embelia pacifica*
47 *Rumex*
48 *Bidens cosmoides*
49 *Antidesma platyphylla* ^{var. *hillebrandii*}
50 *Myoporum sandwicense*
51 *Coprosma Faurii* v. *typica*
52 *Richardia scabra* *brasilensis*
53 *Artemisia*
54 *Exocarpus*
55 *Cyperus*
56 *Exocarpus*
57 *Santalum pyralarium*

Head of Kumuwela Ridge

12/28/1935

- 58 *Vaccinium calycinum* f. *hamatidense*
59 *Santalum pyralarium*
60 *Coprosma* ~~*hawaiiense*~~
61 *Solanum nigrum*
62 *Bobea*
63 *Straussia*
64 *Korthalsella platycaula* ^{del. *hillebrandii*} *del. *Daniell**
65 *Cyrtandra paludosa* Gaud. var. *Gayana*

12666 *Wikstroemia*

67 *Coprosma*

68 *Hedyotis glaucifolia* v. *waimeae*

Plateau at head of Kalalan Valley

1230 - 1250 m.

12/29/1935

- 12669 *Sophora chrysophylla*
70 *Pseudomorus Brunonianus*
71 *Corynocarpus laevigata*
72 *Gouldia terminalis* var. *stipulacea* f. *Rackii*
73 *Carex brunnea*
74 *Carex*
75 *Carex*
76 *Labordia degeneri* var. *subcaerata* *det. Schaff*
77 *Pittosporum*
78 *Cyrtandra paludosa* Gaud. var. *Gayana* (Hilleb.) Rak
79 *Psychotria grandiflora*
80 *Dubautia railliardioides*
81 *Artemisia*
82 *Chirodendron*
83 *Cyrtandra*
84 *Coprosma kauensis*
85 *Gouldia terminalis* var. *stipulacea* f. *cuspidata* (typical)
86 *Cistelia*
87 *Trichomanes*
88 *Wikstroemia*
89 *Dubautia knudsenii*
90 *Bidens cosmoides*
91 *Dubautia*
92 *Gleichenia oxyphense*
93 *Suttonia*
94 *Hedyotis Foggiana*
95 *Dubautia knudsenii*
96 *Phyllostegia mollis* var. *resinosa* n. var.

- 12697 *Luttmia*
 98 *Cyrtandra paludosa* var. *subherbacea*
 99 *Knuthalsella latissima*
 12700 *Lysimachia*

Ridge above Kalahu, bet. Kalalao
 and Honapu Valleys, 12/29/1935

- 01 *Vaccinium dentatum*
 02 *Nertera depressa*
 03 *Eupritchardia*
 04 *Gahnia*
 05 *Gleichenia*
 06 *Scaevola*

Ridge bet. Kalahu & Mianian,
 bet. Kalalao & Honapu Valleys, 12/29/1935

- 07 *Cyrtandra paludosa* var. *Gayana*
 08 *Santalum pyularium*
 09 *Santalum pyularium*
 10 *Santalum pyularium*
 11 *Gouldia terminalis* var. *ostearpa* (atypical)
 12 *Cyrtandra paludosa* Gaud.
 13 *Wikstroemia*
 14 *Alphitonia ponderosa*
 15 *Luzula hawaiiensis*
 16 *Wikstroemia*

Kalalan trail above Kokee 12/29/1935

- 17 *Platydesma spathulatum* (Gray) Stone; det. B.C. Stone, 1967
 18 *Kedyotis glaucofolia* v. *Waimise*

Kanaloa Huluhulu Ranger Station 12/30/1935
 Kokee

- 19 *Claoxylon*
 20 *Peperomia helleri*

- 12721 *Cyrtomium canyotideum*
 22 *Plelea elusiofolia* Gray var. *ecumata*
 23 *Polypodium* [St. John (K)]
 24 *Smilax melastomaeifolia* var. *subinermis*
 25 *Styphelia tameiameia*
 26 *Asplenium*
 27 *Elaphoglossum hirtum*
 28 *Elaphoglossum*
 29 *Elaphoglossum*
 30 *Luttmia*
 31 *Carex brunnea*
 32 *Asplenium*

Barking Lands 12/31/1935

- 33 *Ipomoea*
 34 *Vitex trifolia* var. *simplicifolia*
 35 *Portulaca*
 36 *Scaevola frutescens*
 37 *Tribulus cistroides*
 38
 39 *Boerhaavia*

Waineke Swamp & vic. Kokee 1/1/36

- 40 *Acacia*
 41 *Pellaea ternifolia*
 42 *Luzula*
 43 *Scirpus*

Kanaloa Huluhulu Ranger Station Kokee 1/1/36

- 44 *Phyllostegia waimae*
 45 *Dodonaea viscosa*
 46 *Myrica Faya*
 47 *Nerandia*
 48 *Luttmia*

12749

- 50 *Pumoha Pele* I/3/1936
Bidens

- Head of Kammuela Ridge I/3/1936
 51 *Lantulum pygmaeum*

near Lehua Makanai, Alakai Swamp
 I/3/1936

- 52 *Scirpus*
 53 *Korthalsella Remyana* var. *Waurae*
 54 *Stenogyne purpurea* var. *Waurae*
 55 *Gouldia terminalis* var. *stipulacea* f. *Hookii*
 56 *Labordia*

Alakai Swamp I/3/1936

- 57 *Geranium humile*, var. *Kauaiense*
 58 *Gahnia*

59

60 *Panicum*61 *Carex*62 *Luttonia*63 *Gouldia terminalis* var. *stipulacea* f. *multistipulacea*64 *Coprosma elliptica*65 *Rhynchospora*66 *Oreobolus furcatus*67 *Rhynchospora*68 *Dubautia laxa* var. *pedicellata*69 *Styphelia Douglasii* var. *stuttholoides*70 *Luttonia*71 *Vaccinium calycinum* f. *hamatidens*72 *Luttonia*

73

Trail from Alakai Swamp to head
 of Kalalan Valley I/3/1936

- 12774 *Gouldia terminalis* var. *stipulacea* f. *multistipulacea*

75 *Viola*76 ~~Vaccinium~~77 *Gouldia terminalis* var. *stipulacea* f. *multistipulacea*78 *Luttonia*

Alakai Swamp I/3/1936

79 *Smilax sandwicensis*80 ~~Gouldia~~80 *Tetraplasandra*

head of
 Kilohana Lookout, Wainiha
 Valley I/3/1936

81 *Gouldia terminalis* var. *stipulacea* f. *multistipulacea*82 *Gunnera*

Lehua Makanai & vic., Alakai Swamp
 I/3/1936

83 *Lantulum pygmaeum*84 *Gouldia terminalis* var. *stipulacea* f. *multistipulacea*

Between Lumahai and Hanalei
 Valleys I/4/1936

85 *Sacciolepis contracta* (Wight & Arn.) Hitchc.86 *Digitaria*87 *Eleocharis*88 *Lycopodium cernuum*89 ~~Mucuna~~ *Mucuna gigantea*90 *Paederia foetida*91 ~~Mucuna~~ *Meyenii*92 *Lipochaeta succulenta* var. *decurrens*93 *Hydrocotyle verticillata*

- 12794 *Scaevola frutescens*
 95 *Lycium carolinianum*, var. *sandwicense*
 96 *Adiantum capillis-veneris*
 97 *Gleichenia linearis*

Kukui Grove,

- 98 *Commelina diffusa*
 99 *Sida acuta*

F/4/1936

Ewa Coral Plain, near U.S.G.S.

Magnetic Station, Honolulu, Oahu

I/12/1936

- 12800 *Santalum*
 01 *Grapphalium*
 02 *Cassia Gaudichaudii*
 03 *Morinda citrifolia*
 04 *Achyranthes*
 05 *Boerhaavia diffusa*
 06 *Nephrolepis biserrata*
 07 *Cyperus trachysanthus*
 08 *Portulaca villosa*
 09 *Pluchea odorata*
 10 *Euphorbia shottsbergii* var. *kadaloana*
 11 *Licyz*
 12 *Fimbristylis cymosa*
 13 *Ruppia maritima*
 14 *Erythrina sandwicensis*

Manana (Rabbit) Island

1/18/1936

- 15 *Tephrosia purpurea*
 16 *Heteropogon contortus*
 17 *Portulaca oleracea*
 18 *Eragrostis amabilis*
 19 *Chloris*

- 12820 *Euphorbia hirta*
 21 *Conchus echinatus*, var. *Hillebrandii*
 22 *Ageratum conyzoides*
 23 *Waltheria indica*
 24 *Heliotropium curassavicum*
 25 *Setaria verticillata*
 26 *Atriplex semibaccata*
 27
 28 *Micoliana tabacum*
 29 *Boerhaavia*
 30 *Boerhaavia*
 31 *Boerhaavia*
 32 *Cyperus pectinatus javanicus*
 33 *Turbinaria ornata*
 34 *Largassum boraborensis*

Kaimuki, Honolulu, Jan. 25, 1936

35

Popoia Island, Kailua, Jan. 25, 1936

- 36 *Portulaca oleracea*
 37 *Portulaca*
 38 *Chloris*
 39 *Digitaria*
 40 *Setaria verticillata*
 41 *Valeriana fastigiata* Harvey

Mokapu Beach, Jan. 26, 1936

- 42 *Nama sandwicensis*
 43 *Euphorbia* ^{*Degeneri*} ~~*costata*~~
 44 *Heliotropium anomalum*, var. *argenteum*
 45 *Grapphalium*
 46 *Largassum boraborensis* (Guss.) Fiedl.
 47 *Ahmfeltia concinna* f. Ag.

Flats on Mokapu Peninsula Jan. 24, 1936

- 12348 *Plumbago zeylanica*
 49 *Sida fallax*
 50 *Haematoxylon campechianum*
 51 *Sida fallax*

zig-zag trail up cliff, Kealia,
 Waianae Mts. Feb. 2, 1936

- 52 *Canthium odoratum*
 53 *Bidens*
 54 *Schiedea*
 55 *Festuca deatonensis*
 56 *Reichardia tinctoria*
 57 *Cyperus*
 58 *Myoporum sandwicense*
 59 *Lipochlaena Remyi*
 60 *Sida fallax*
 61 *Cyperus*
 62 *Cyperus*
 63 *Cocculus*
 64 *Papyrus papyrifera*

Ridge e. of Haili, Kuaokala,
 Waianae Mts. Feb. 2, 1936

- 65 *Gnaphalium luteo-album*

Head of Keekee Gulch, below Hakaloa,
 Kuaokala For. Res. Waianae Mts. Feb. 2, 1936

- 66 *Charpentiera*
 67 *Asplenium*
 68 *Cyrtandra garnottiana* Gaud.
 69 *Asplenium*
 70 *Asplenium*

- 12371 *Asplenium*
 72 *Santalum Freycinetianum*

Haili Gulch, Waianae Mts.,
 Kuaokala, Feb. 2, 1936

- 73 *Reynoldsia sandwicensis*
 74 *Asplenium*
 75 *Carex brunnea*
 76 *Ochrosia sandwicensis*
 77 *Bidens*
 78
 79 *Bollea hookeri*
 80 *Diospyros fusca sandwicensis f. sandwicensis*

Popoia Island, Kailua Feb. 15, 1936

- 81 *Heliotropium anomalum*, var. *argentea*
 82 *Sida fallax*
 83 *Heliotropium anomalum*, var. *argentea*

Mokulua, south islet, Kailua,
 Feb. 16, 1936

- 84 *Eragrostis*
 85 *Acacia Farnesiana*
 86 *Desmodium triflorum*
 87 *Lantana kamara*
 88
 89 *Jacquemontia sandwicensis*
 90 *Euphorbia cordata*
 91 *Wattheria indica*
 92 *Desmodium*
 93 *Portulaca oleracea*
 94 *Scaevola frutescens*
 95 *Emilia sonchifolia*
 96 *Leucaena glauca*

- 12897 *Heteropogon contortus*
 98 *Phaseolus lathyroides*
 99 *Ipomoea pes-caprae*
 12900 *Portulaca lutea*
 01 *Sporobolus virginicus*
~~02 *Portulaca*~~
 02 *Lesuvium portulacastrum*
 03 *Heliotropium anomalum*, var. *argenteum*
 04 *Heliotropium curassavicum*
 05 *Dactyloctenium aegyptium* (L.) Richt.
 06 *Euphorbia hirta*
 07 ~~*Chrysanthemum*~~ *aciculata*
 08 *Reichardia ~~canadensis~~ tingitana*
 09 *Fimbristylis cymosa*, var.
 10 *Lycium carolinianum*, var. *sandwicense*
 11 *Lipochaeta integrifolia*
 12 *Cenchrus echinatus*
~~13 *Lonchocarpus ~~obtusatus~~*~~
 13 *Sida fallax*
 14 *Lonchus oleraceus*
 15 *Cassia mimosoides*

Mokulua, north islet, Kailua, Feb. 15, 1936

- 16 *Heteropogon contortus*
 17 *Emilia sonchifolia*
 18 *Sporobolus virginicus*
 19 *Reichardia tingitana*
 20 *Lonchus oleraceus*
 21 *Portulaca oleracea*
 22 *Cenchrus echinatus*
 23 *Sida fallax*
 24 *Lantana camara*
 25 *Lesuvium portulacastrum*
 26 *Wattheria indica*

- 12927 *Fimbristylis cymosa*, var. *pygmaea*
 28 *Scaevola frutescens*
 29 *Lipochaeta integrifolia*
 30 *Eragrostis*
 31 *Jaquemonia sandwicensis*
 32 *Lepidium*
 33 *Stachytarpheta jamaicensis*
 34 *Dactyloctenium aegyptium*
 35 *Malvastrum coromandelianum*
 36 *Desmodium*
 37 *Ageratum conyzoides*
 38 *Solanum nigrum*
 39 *Gnaphalium purpureum*
 40 *Lycium carolinianum*, var. *sandwicense*
 41 *Desmodium triflorum*
 42 *Ipomoea pes-caprae*
 43 *Vigna owahuensis*
 44 *Chloris paraguayensis*
 45 *Heliotropium anomalum*, var. *argenteum*

Lanikai, Kailua Feb. 15, 1936

46 *Acalypha*

Waikane, March 1, 1936

47 *Hibiscus*

Koolau mts.

Castle Trail, Kaluanui.

March 1, 1936

- 48 *Phyllostegia lantanoides*
 49 *Phyllostegia hirsuta*
 50 *Phyllostegia grandiflora*
 51 *Phyllostegia grandiflora*
 52 *Phyllostegia glabra*
 53 *Phyllostegia glabra*, var. *Macraei*

with
V.O.F.

- 12954 *Pipturus*
 55 *Nothocestrum*
~~56 *Coprosma*~~
 56 *Hedyotis acuminata* f. *elliptica*

Kaluani Stream (at Castle Trail),
 Koolau Mts., Kaluani Mar. 1, 1936

- 57 *Dubautia laxa* var. *bryanii*
 58 *Euphorbia Rockii*
 59

Castle Trail, Koolau Mts. Punaleu
 March 1, 1936

- 60 *Cyrtandra longifolia* var. *calpideae*
 61 *Cyrtandra laevis* var. *rhizantha*
 62 *Coprosma pilosa*
 63 *Cyanea*
 64 *Straussia*
 65 *Vitex quinata* (Lour.) F. M. Will.

Along highway bet. Aiea and Pearl City,
 March 8, 1936

- 66 *Glinicidia sepium* (Jacq.) Steud.

Kaala Trail above Schofield, bet.
 Kolekole Pass and Puu Kalea Mar. 8, 1936

- 67 *Digitaria* ~~*chinensis*~~ *violacea*
 68 *Cerastium*
 69 *Digitaria*
 70 *Agrostis retrofracta*
 71 ~~*Bromus tectorum*~~ *Festuca dertonensis*
 72 *Casuarina*
 73 *Casuarina*

small Gulch above Kaala trail,
 Puu Kalea, ^{Waianae Mts.} Waianae Mar. 8, 1936

- 1 2974 *Asplenium*

- 75
 76 *Viola trachelifolia*
 77 *Pseudomorus Brunoniana*

Kaala trail, Haleanau Valley,
 Waianae Mts. Waianae Mar. 8, 1936

- 78 ~~*Youngia*~~ *japonica* ssp. ~~*typica*~~
 79 *Carex*
 80 *Licys*
 81 *Youngia japonica* ssp. ~~*typica*~~ *estonii*
 82 *Panicum kaalae*

Valley s. of e. ridge of Puu Kalea,
 Waianae Mts. Waianae
 March 22, 1936

- 83
 84
 85 *Scheideia*
 86 *Merandria*
 87 *Alectryon macroseus*
 88 *Straussia*
 89 *Asplenium*
 90 *Urena kaalae*
 91 *Claoxylon sandwicense* var. *magnifolium*
 92 *Licys*
 93 *Pseudomorus Brunoniana*
 94 *Platydesma spathulatum* (Gray) Stone var. *pubescens*
 95 *Strongylodon lucidus* (Skottsberg) Stone
 96 *Cyrtandra Pickeringii*
 97 *Solanum sandwicense*
 98
 99 *Straussia*

12991a *Claoxylon sandwicense*
 var. *magnifolium* f. *glabrescens*

- 13000 *Phyllostegia hirsuta*
 01 *Pteris* with V.O.F.
 13003 *Nerandria* " "
 E. ridge of Pun Kalena, Waianae Mts.
 Waiānaeuka March 27, 1936
 02 *Labordia kaalae* var. *Forbergii* Sheff (type coll.)
 03 ~~*Nerandria*~~
 04 ~~*Nerandria*~~
 05 *Carex brunnea*
 06 *Cyperus*
 07 *Carex wahuensis*
 08 *Euphorbia celastroides* var. *amplectens*
 09 *Hedyotis Schlechtendahlia* sp. cordata, var. *nitens* / *kaalae*?
 10 *Stenogyne kaalae*
 11 *Lysimachia Hillebrandii*
 12 *Eugenia sandwicensis*
 13 *Labordia fragracoides* var. *Saint-Johniana* Sheff
 14 *Straussia*
 15 *Pelea oahuensis* H. Lereille
 16 *Pelea cinereops* St. John
 17 *Straussia*
 18 *Hedyotis acuminata* f. *hillebrandii*
 19 *Psilotum complanatum*
 20 *Luttonia*
 21 *Luttonia*
 22 *Elaphoglossum*

near Makapuu Pt. Waimanalo

April 4, 1936

22a *Santalum ellipticum* var. *littorale*

- Pahole (Kukuiula) Gulch,
 Waianae Mts. Mokuleia, Apr. 11, 1936
 13023 *Diospyros ^{fruticosa} sandwicensis*
 24 *Luttonia*
 25 *Aplismenus hirtellus*

Piko Trail, head of Kapuna
 Valley, Waianae Mts., Mokuleia
 Apr. 11, 1936

- 26 *Pelea elliptica* (Gray) Hillebr. f. *coccinea*
 27 *Lideroxylon* (St. John + Lume) Stone ex
 28 *Pelea peduncularis* St. John Degener
 29 *Straussia*
 30 *Piper*
 31 *Luttonia*
 32 *Pelea cinereops* St. John
 33 *Straussia*
 34 *Eupatorium adenophorum*
 35 *Straussia*

C.C.C. trail across head of Kapuna
 Valley, Mokuleia, Waianae Mts., Apr. 11, 1936

- 36 *Pelea elliptica* (Gray) Billebr.
 37 *Glex sandwicensis*
 38 *Pteralyxia macrocarpa*
 40 *Carex brunnea*
 41 *Cryptocarya oahuensis*
 42 *Diospyros Hillebrandii*
 43 *Gouldia terminalis* var. *kaala*, f. *Russii*
 44 *Cyrtandra Pickeringii*
 45 *Panicum*
 46 *Luttonia*
 47

Piko Trail Peacock (Kama) Flats
Waianae Mts. Mokuleia Apr. 12, 1936
13047 *Hordeum vulgare*

48 *Avena*

49 *Triticum*

50 *Lolium*

51 *Hordeum bogotense*

52

Piko Trail, Kapuna Valley, near
mouth, Waianae Mts. Mokuleia Apr. 12, 1936
52 *Cyperus trachysanthus* #19.

Piko Trail, ridge W. of Kapuna Valley,
Waianae Mts. Mokuleia Apr. 12, 1936
53 *Bidens*

54 *Centaurium umbellatum*

Pahole (Kukuiula) ^{near head of rt. branch,} gulch, Waianae
Mts. Mokuleia April 12, 1936

55 *Korthalsella platycaula*

56 *Morinda trimera*

57 *Hedyotis acuminata* f. *Violitana*

58 *Pipturus*

59 *Labordia kaalae* Forb.

60 *Nothocestrum*

61 *Claoxylon sandwicense* var. *magnifolium*

62 *Hedyotis Schlechtendahlia*, *apcordata* v. *acumiflora* f. *glaberrima*

63 *Hedyotis acuminata* f. *grayana*

64 *Drypetes phyllanthoides*

65 *Lycopus*

66 *Solanum nigrum*

67 *Indigofera suffruticosa* Mill.

68 *Pipturus*

69 *Alectryon macrocarpus* Radlk.

#B 13070

71 *Panicum*

72 *Lysimachia Hillebrandii*

73 *Euphorbia clusiaefolia* var. *grandifolia*

74 *Nothocestrum*

75 *Nothocestrum*

76 *Panicum*

77 *Euphorbia hillebrandii*

78 *Bohea*

79 *Diellia*

Wailau Valley, Molokai
April 19, 1936

80 *Cyperus pennatus javanicus*

81 *Cyperus hawaiiensis*

82 *Lysimachia spathulata*

83 *Artemisia australis*, var.

84 *Carex wahuensis*

Hakona Valley, Pahakea Pass,
Waianae Mts. Lualualei, Oahu,
May 3, 1936

85 *Pipturus*

86 *Asplenium*

87 *Antidesma pulvinatum*

88 *Charpentiera*

89 *Osmanthus sandwicensis*

90 *Myrica faya*

Pahakea Pass, Waianae Mts.
Honouliuli May 3, 1936

91 *Artemisia*

92 *Euphorbia celastroides* var. *amplexans*

93 *Cyperus brevifolius*

13094 *Eupatorium adenophorum*

Ekahanni Gulch ~~Hono~~ C.C. Trail,
Waianae Mts. Honolulu, May 7, 1936

95 *Pipturus*

E. slope Pua Kana, C.C. contour
trail, ~~s. of~~ Ekahanni Gulch,
Waianae Mts. Honolulu, May 7, 1936.

96 *Acacia Koa*

97 *Pelkaea*

98 *Acacia Koa*

99 ~~*Cordia*~~

13100 *Pilea peploides*

01 *Pipturus*

02 *Cyperus*

03 *Cyperus*

04 *Cardamine*

Manoa Cliff Trail, Mt. Tantalus,
Koolau Mts. Manoa May 7, 1936

05 *Lycopodium nutans*

06 *Lycopodium phyllanthum*

07 *Eupatorium adenophorum*

08 *Ophioglossum pendulum*

09

10

11

Honolulu, May 14, 1936

13112 *Lilium longiflorum* Thunb.

University Campus, Honolulu,
May 23, 1936

13113 *Erythrina caffra*

13114 *Casimiroa edulis*

13115 *Pandia formosa*

Kainawaanika, Koolau Mts.
May 24, 1936

16 *Eugenia sandwicensis*

17 *Gouldia St. Johnii* var. *typica*

18 *Vaccinium dentatum*

19 *Coprosma longifolia*

20 *Gouldia St. Johnii* X *G. terminalis* var. *coriacea*

21 ~~*Trichomanes*~~

21 *Hymenophyllum lanceolatum*

22 *Rhynchospora thyrsoidea*

Palolo - Waialae Mts. ridge,
Koolau Mts. May 24, 1936

23 *Dubautia laxa*

24 *Cheirodendron*

25 *Wikstroemia*

26 ~~*Maesa*~~ *Cladium angustifolium*

27 *Rhynchospora*

28 *Vaccinium dentatum*

29 *Asplenium*

30 *Wikstroemia*

31 *Wikstroemia*

32 *Myrica faya*

33 *Joinvillea gaudichaudiana*

University Campus, Honolulu, May 26, 1936

34 *Pandia formosa*

35 *Actinophloeus Macarthurii*

~~13135~~ Coast south of Kaena Point

May 30, 1936

- 13136 *Euphorbia celastroides* var. *kaenana*

37 *Achyranthes*

38 *Cassia Gandichaudii*

39 *Achyranthes*

Kaena Point

May 31, 1936

40 *Scaevola frutescens*

41 *Lesbania tomentosa*

42 *Euphorbia Vegeneri*

43 *Sida fallax*

44 *Heliotropium anomalum*, var. *argenteum*

45 *Heliotropium anomalum*, var. *argenteum*

46 *Boerhaavia diffusa*

47 *Albugo*

48 *Vitex trifolia* var. *simplicifolia*

49 *Portulaca lutea*

Bluff above Kaena Point

May 31, 1936

50 *Lipochaeta*

51 *Cuscuta sandwicksiana* (with V.O.F.)

52 *Santalum ellipticum*, var. *littorale*

53 *Myoporum sandwicense*

54 *Canthium odoratum*

55 *Heteropogon contortus*

56 *Abutilon incanum*

57 *Dodonaea viscosa*

58 *Artemisia*

59 *Tephrosia purpurea* (with V.O.F.)

60 *Artemisia*

61 *Eragrostis variabilis*

62 *Eragrostis variabilis*

H. S. P. A. Arboretum, head of Manoa

Valley, Honolulu June 4, 1936

13163 *Mussaenda frondosa*

University of Hawaii campus,
Honolulu June 8, 1936.

64 *Kigelia pinnata*

Ridge above Makapuu Head,
Waimanalo - Maunaloa divide
June 14, 1936

65 *Scaevola frutescens*

66 *Ipomoea aegyptia*

67 *Chenopodium* ~~sandwicense~~ ^{*oahuense*}

68 *Schiedea*

69 *Plectranthus australis*

70

71 *Panicum*

72 *Artemisia*

73 *Alysicarpus vaginalis*

Honolulu (from florist) June 20, 1936.

74 *Eustoma Russeliana* Griseb.

75 *Eustoma Russeliana*

Honolulu, University Ave. July 1, 1936

76 *Jacquemontia*

Honolulu, University Campus, July 2, 1936

77 *Coccoloba*

78 *Coccoloba uvifera*

79 *Coccoloba*

Kailua Beach,

July 10, 1936

13180

- 81 *Ruppia maritima* var. *pacifica* f. *pacifica*
82 *Paspalum vaginatum*

Honolulu, U. of H. Campus. July 14, 1936.

83

Kaanu,

July 24, 1936

- 84 *Dodonaea viscosa*
85 *Dodonaea viscosa*
86 *Dryopteris decora*

Honolulu, Univ. of Haw. Farm,
July 25, 1936

87

Christmas Island, Motu Taper
Aug. 16, 1936

- 88 *Portulaca*
89 *Messerschmidia argentea*
90 *Heliotropium anomalum*, var. *medialis*
91 *Sida fallax*
92 *Luriana maritima*
93 *Pisonia grandis*
94 *Hedyotis romanzoffiensis*
95 *Eragrostis Whitneyi* var. *typica* (type coll.)
96 *Lepturus repens*
97 *Boerhaavia diffusa*
98 *Boerhaavia diffusa*

Near Four Brothers

Aug. 18, 1936

13199

13200

01

02

03 *Lithothamnium*04 *Caulerpa*05 *Liagora*06 *Lepturus repens*07 *Boerhaavia*08 *Boerhaavia*09 *Heliotropium anomalum*, var. *medialis*10 *Sida fallax*11 *Boerhaavia*12 *Albugo*13 *Cassytha filiformis*14 *Boerhaavia*15 *Abutilon indicum* ~~aristatum~~ *aristatum* var. *aristatum*16 *Scaevola frutescens* ~~tessada~~ *tessada*17 *Luriana maritima*18 *Paspalum Digitaria pacifica*19 *Messerschmidia argentea*20 *Portulaca*

21

13215a *Eragrostis whitneyi*
on coral gravel (1-3 m. dist.)

Grieg's Grove

Aug. 19, 1936

22

23 *Portulaca*

N. side of Lagoon Aug. 19, 1936

24 *Lescurium Portulacastrum*

Northwest Point

Aug. 20, 1936

25 *Sida fallax*

Christmas Island

London

Aug. 21, 1936

13226

27

28

London

Aug. 22, 1936

29

Eragrostis amabilis

30

Eragrostis Whitneyi var. *typica* (cotype)

31

~~*Paspalum stenotaphoides*~~
Digitaria pacifica

Joe's Hill

Aug. 24, 1936

32

Heliotropium anomalum, var. *medialis*

33

Scaevola frutescens taccada

34

Hedyotis romanzoffiensis

35

Cassytha filiformis

Four Brothers

Aug. 25, 1936

with E. M. Metcalf

36

Portulaca

London

Aug. 26, 1936

37

Halimeda

38

Halimeda

39

Halimeda

40

Caulerpa

41

Lithothamnion

42

43

44

45

Lithothamnion

46

47

with
E. M. Metcalf

Christmas Island

London

Aug. 27, 1936

13248

Euphorbia hirta

49

Leucaena glauca, *leucocephala*

50

Lithothamnion

51

Lithothamnion

52

Gelidium

54

Gelidium

56

Liagora

58

Caulerpa

59

~~*Portulaca*~~ Aug. 28, 1936

59

Microsphaera

Paris

Aug. 28, 1936

60

Gelidium

61

62

63

Luriana maritima

65

~~*Paspalum stenotaphoides*~~
Digitaria pacifica

66

Eragrostis Whitneyi var. *typica* (cotype)

67

Hibiscus tiliaceus

68

Euphorbia hirta

69

Portulaca ~~obovata~~ Fobergii

70

albugo

71

Boerhaavia

72

Phaseolus lathyroides

73

Heliotropium anomalum, var. *medialis*

74

Heliotropium anomalum, var. *medialis*

Christmas Island - Oahu

London

Aug. 25, 1936

13275

Motu Manu Village Aug. 30, 1936

76 *Phyllanthus niruri*77 *Euphorbia hirta*Coast n. of ~~Manula Lagoon~~ ^{Treasure Hill} Aug. 30, 193678 *Turbinaria*

79

80

81

London

Aug. 30, 1936

82 *Cyperus rotundus*

Coast n. of Manula Lagoon Aug. 31, 1936

83 *Lida fallax*84 *Hedyotis romanzoffiensis*Middle of lagoon, bet. London
and Motu Tabu, Aug. 16, 193685 *Lithothamnion*

Reef near Four Brothers, Aug. 18, 1936

86

87

88

The Loop, Tantalus Road, Mt. Tantalus,
Koolau Mts. Oahu, H.I. June 18, 193689 *Cedrella*

Oahu

University Campus, Honolulu,
Sept. 29, 193613290 *Serjania*

Kailua Beach, Kailua. Sept. 25, 1936

91 *Messerschmidia argentea*

Haleiwa, Kawaiaha, Sept. 26, 1936

92 *Trema amboinensis*

93

Muranu Valley, Dowsett Tract
Oct. 10, 193694 *Solidago altissima* L. det. S. J. B.Muranu Valley, St. Ann
Oct. 10, 193695 *Rhus semialata*

Popoia Island, Kailua XI/1/36

96 *Cleusine indica*97 *Albugo*98 *Chenopodium* ~~oahuense~~ ^{oahuense}99 *Lescurium portulacastrum*13300 *Lescurium portulacastrum*01 *Lescurium portulacastrum*02 *Lescurium portulacastrum*03 *Lescurium portulacastrum*Honolulu, Central Union Church
XI/2/3604 *Kleinhovia hospita* L.

~~13305~~ Honolulu, Queen's Hospital, XI/2/36
13305

06 Albizzia
07

Kealia trail up cliff, Waianae Mts.

08 *Chenopodium oahuense* ~~sandwichense~~ XI/3/36

Head of Keekee gulch, Kuaoakala Fr.
Res. Waianae Mts. XI/3/36

09 Sadderia

10 *Alyxia olivaeformis*

11 *Elaphoglossum*

12 *Cocculus Ferrandianus*

13 *Rauwolfia sandwicensis*

14 *Pelea cinereops* St. John

15 *Stemodia*

16 *Stemodia*

17 *Pittosporum*

18 *Wikstroemia*

with D. Anderson

Manoa Stream, Lower Manoa Valley
Honolulu

Nov. 19, 1936

19 *Dischiptera chinensis*

University Campus, Honolulu Nov. 19, 1936

20 *Bauhinia purpurea*

Poamoho Trail, Koolau Mts. Paalaa - Wahiawa
Divide

Nov. 22, 1936

21 *Rhynchospora*

del. H.K.S. 22 *Cleocharis obtusa* (Willd.) Schultze, var. *enotata* Hed.

23

Near summit of Poamoho Trail,
Koolau Mts. Paalaa - Wahiawa Divide
Nov. 22, 1936

13323 *Lobelia hypoleuca*
24 *Coprosma longifolia*
25 *Eupritchardia*

Top of Poamoho Trail, crest at head
of Punahoa Valley, Koolau Mts.
Nov. 22, 1936

26 *Rhynchospora*

del. H.K.S. 27 *Cleocharis obtusa* (Willd.) Schultze, var. *enotata* Hed.

28 *Youngia japonica* ssp. *Elatarii*

29 *Lycopodium serratum*

30 *Lobelia gaudichaudii*

31 *Trematolobelia macrostachya*

32 *Wikstroemia*

33 *Panicum Koolauensis*

34 *Tetraplasandra*

Head of Poamoho gulch, Koolau Mts.
Wahiawa
Nov. 22, 1936

35 *Cyanea*

36 *Rollandia*

37 *Bidens*

Honolulu.

Nov. 23, 1936

38

39

Honolulu

Nov. 24, 1936

40 *Ipomoea*

- Honolulu Dec. 10, 1936
 13341 *Caristephus chinensis*
- Foot of Mumanu Pili, ^{Kailua} Dec. 14, 1936
 13342 *Fitchia*
- Mouth of Mapulehu V. Molokai
 Dec. 22, 1936
 43 *Cassia*
 44 *Triumfetta Bartramia*
 45 *Sponsea*
- Kaunakakai, Molokai, Dec. 22, 1936
 with V.D.F.
 46 *Chenopodium carinatum*
- Mapulehu Valley, near mouth, Dec. 23, 1936
 47 *Amaranthus*
 48 *Amaranthus spinosus*
 49 *Amaranthus spinosus*
 50 *Tagetes*
- Mapulehu-Punaula ridge, Dec. 23, 1936
 51 *Sadleria cyathoides*
- Sloping plateau E. of Mapulehu Valley,
 Dec. 23, 1936
 52 *Perrottetia sandwicensis*
 53 *Cuphea carthagenensis*
 54 *Erechtites*
 55 *Erechtites*
 56 *Youngia japonica*, ^{claytonii} ~~subsp.~~
 57 *Broussaia*
 58 *Pipturus*

- 13359 *Youngia japonica*, ^{claytonii} ~~subsp.~~
 60 *Broussaia*
 61 *Broussaia*
 62 *Broussaia*
 63 *Broussaia*
 64 *Pittosporum*
- Top of cliff at head of Wailau Valley
 Dec. 23, 1936
 65 *Peperomia mapulehuana*
 66 *Wikstroemia*
 67 *Lutonia*
 68 *Nephrolepis cordifolia*
 69 *Embelia*?
 70 *Lycopodium venustum*
 71 *Lutonia*
 72 *Polypodium pellucidum*
 73 *Lutonia*
 74 *Elaphoglossum*
 75 *Cyrtandra*
 76 *Stenogyne* ^{Kamehamehae} ~~subsp. v. *subsp.*~~
 77 *Coprosma* ^{*subsp. v. *subsp.**}
 78 *Sadleria*
 79 *Astelia*
 80 *Broussaia*
 81 *Broussaia*
 82 *Broussaia*
 83 *Broussaia*
 84 *Broussaia*
- Sloping plateau E. of Mapulehu Valley,
 Dec. 23, 1936
 85 *Broussaia*
 86 *Hedyotis acuminata*, f. *variabilis*

Manawai - Kahananui ridge

Dec. 24, 1936

- 13387 *Peperomia reflexa* var.
 88 *Alyxia olivaeformis*
 89 *Wikstroemia*
 90 *Straussia*
 91 *Luttonia*
 92 *Myrsorum sandwicensis*
 93 *Lipochaeta succulenta* var. *decurrens*
 94 *Gouldia terminalis*, var. *caduta* f. *molokaiensis* R.
 95 *Straussia*
 96 *Selaginella Menziesii*
 97 *Coprosma Fauri* var. *lanaiensis*
 98 *Coprosma Fauri* var. *lanaiensis*
 99 *Phyllanthus sandwicensis*
 13400 *Osmanthus sandwicensis*
 01 *Lida*
 Cypho 02 *Portulaca glabra* f. *subcaudata*
 03 *Dodonaea*
 04 *Cyanea*

Keopukaloa Plateau

Dec. 25, 1936

- 05 *Wikstroemia*
 06 *Osteomeles anthyllidifolia*

Mouth of Halawa Valley

Dec. 25, 1936

- 07 *Lipochaeta succulenta* var. *decurrens*
 08 *Coronopus didymus*
 09 *Cuscuta sandwicensis*
 10 *Heliotropium anchusaefolium*
 11

small gully, s. side Halawa Valley, near mouth

Dec. 25, 1936

- 12 *Centium odoratum*

Pohakuloa, Honoulimalo, Dec. 25, 1936

- 13413 *Jaquemontia sandwicensis*
 14 *Lida fallax*
 15 *Wikstroemia*
 16 *Fimbristylis cymosa* var. *pycnocarpa*
 17 *Lycium carolinianum*, var. *sandwicense*

Kaunakakai

Dec. 26, 1936

- 18 *Atriplex*

Plateau at head of Anakahi gulch,
Palaau

Dec. 26, 1936

- 19 *Andropogon*
 20 *Lepidium*

Hoolehua Airport

Dec. 26, 1936

- 21 *Andropogon*

sand dunes,

Moornoni, Dec. 26, 1936 (with V.O.F.)

- 22 *Panicum toridum*
 23 *Tamarix aphylla*
 24 *Boerhaavia diffusa*
 25 *Cassytha filiformis*
 26 *Sporobolus virginicus*
 27 *Sesbania tomentosa*
 28 *Heliotropium curassavicum*
 29 *Portulaca*
 30 *Tribulus cistoides*
 31 *Lolium*
 32 *Boerhaavia*
 33 *Jaquemontia sandwicensis*
 34 *Xanthium saccharatum* Wallr.
 35 *Heliotropium anomalum* var. *argenteum*
 36 *Euphorbia shotterbergii* var. *audens*

- 13437 *Scaevola frutescens*
 38 *Heliotropium* ~~*anomalum*~~, var. *argenteum*
 39 *Lipochaeta integrifolia* var. *argentea*
 40 *Fimbristylis cymosa* var. *pycnocephal*
 41 *Gnaphalium*
 42 *Euphorbia Degeneri*, var.
 43 *Portulaca lutea*
 44 *Mama sandwicensis*
 45 *Sesuvium portulacastrum*
 46 *Solanum*
 47 *Lycium carolinianum*, var. *sandwicense*

Trail up ~~Waikeakua~~ Waikeakua - Waikeela
 ridge, head of Wailau Valley Dec. 27, 1936

- 48 *Anacardium*
 49 *Phyllostegia glabra*, var. *Macraei*

Mouth of Wailau Valley Dec. 28, 1936

- 50 *Mucuna gigantea*
 51 *Calceolaria*
 52 *Emilia sonchifolia* (L.) DC.
 53 *Nephrolepis biserrata* var. *furcata*

Near U.S. Gage Sta., Waikeakua
 Str. Wailau Valley Dec. 28, 1936

- 54 *Cyrtandra lysiosepala* Gray
 55 *Broussaiola*
 56 *Pipturus*
 57 *Asplenium*
 58 *Pipturus*
 59 *Cyrtandra lysiosepala* Gray
 60 *Straussia*
 61 *Trichomanes davallioides* Gand.
 62 *Pipturus*

13463 *Vigna*?

- 64 *Bohea elatior*
 65 *Polypodium pellucidum*
 66 *Lycopodium phyllanthum*
 67 *Vittaria*

Wailau Valley, east bank of
 Wailau stream, Dec. 28, 1936.

- 68 *Digitaria*
 69 *Peperomia alternifolia*
 70 *Cyrtandra Lydgatei* Hb.
 71 *Cyrtandra lysiosepala* Gray var. *Fauriei* (L.) Rock
 72 *Cyperus*

Trail up Waikeakua - Waikeela
 ridge, head of Wailau Valley
 Dec. 29, 1936

- 73 *Eugenia sandwicensis*
 74 *Hymenophyllum recurvum*
 75 *Luttonia*
 76 *Hymenophyllum obtusum*
 77 *Elaphoglossum*
 78 *Gouldia terminalis*, var. *ovata*, f. *wailaensis* x f. *lutea*
 79 *Trichomanes*
 80 *Polypodium pellucidum*
 81 *Cyperus*
 82 *Alyxia olivaeformis*
 83 *Pipturus*
 84 *Cyrtandra* (Waikeakua) Clarke, f. *subglabra* Rock
 85 *Isachne distichophylla*
 86 *Pelea clusiaefolia* Gray
 87 *Polypodium*
 88 *Polypodium lineare*
 89 *Peperomia cookiana* var. *pukooana*

- 134 90 *Antiderma platyphyllum*
 91 *Gleichenia oahuensis*
 92 *Joinvillea gaudichaudii*
 93 *Cheirodendron*
 94 *Cyanea*
 95 *Asplenium*
 96 *Touchardia latifolia*
 97 *Perrottetia sandwicensis*
 98 *Phyllostegia glabra*, var. *Macraei*
 99 *Gouldia terminalis*, var. *ovata*, f. *waitianae*
 135 00 *Gouldia terminalis*, var. *ovata*, f. *waitianae*
 01 *Coprosma ternata*
 02 *Cyrtandra bisurata* Hbd.
 03 *Ilex sandwicensis*
 04 *Pilea peploides*
 05 *Cyrtandra longifolia* Hbd. ^{var. *degenerans* (Wauke) Clarke} f. *lymnaea* Rock
 06 *Gunnera petaloidea*
 06a *Pipturus*
 Sloping plateau at head of east
 of Mapulehu Valley Dec. 29, 1936
 07 *Pteridium aquilinum*
 08 *Phytolacca brachystachys*
 Wailau - Mapulehu divide
 Dec. 29, 1936
 09 *Joinvillea gaudichaudii*
 10 *Freycinetia arborea*
 11 *Vaccinium calycinum* f. *calycinum*
 12 *Coprosma* ^{*pubens* or *oppositifolia*}
 13 *Cyrtandra* ^{*longifolia* Hbd. var. *degenerans* (Wauke) Clarke} f. *oppositifolia* Rock
 14 *Trematolobelia*
 15 *Peperomia lilifolia*
 16 *Polypodium Killebrandii* Hook.
 17 *Polypodium pseudogrammitis*

- 135 18 *Asplenium*
 19 *Trichomanes Bauerianum*
 20 *Hymenophyllum recurvum* ^{Molokaiensis}
 21 *Gouldia terminalis*, var. *cordata*, f.
 22 *Trichomanes*
 23 *Polypodium*
 24 *Elaphoglossum*
 Mapulehu Dec. 30, 1936
 25 *Ipomoea*
 26 *Xanthium saccharatum* Wallr.
 27 *Abutilon*
 Mapulehu Valley near mouth
 Dec. 31, 1936
 28 *Morinda citrifolia*
 29 *Schinus* ~~*molokaiensis*~~ *terebinthifolius*
 30 *Capaisum frutescens*
 31 *Dolichos lablab*
 32 *Waltheria indica*
 33 *Osteomeles anthyllidifolia*
 34 *Desmodium triflorum*
 35 *Desmodium*
 36 *Polypodium scolopendrium*
 37 *Sida fallax*
 38 *Sida fallax*
 39 *Cyperus*
 40 *Tephrosia purpurea*
 41 *Lochnera rosea*
 42 *Abur precatorius*
 43 *Dolichos lablab*
 Near Kamalo Dec. 31, 1936
 135 44a *Ocimum gratissimum* L.

~~Honolulu~~ Kamalo Jan. 12, 1937
13544 *Ocimum basilicum* L.

Oahu,
Hahaione Valley, mouth, Jan. 16, 1937
45 *Lipochaeta lobata* var. *albescens*
46 *Commelina benghalensis*
47 *Ocimum gratissimum* L.
48 *Acrostichum aureum*

Manoa Cliff Trail, Koolau Mts.
Manoa Jan. 17, 1937
49 *Bobea elatior*
50 *Labordia membranacea*

Small gully, n.w. side Ulumawao,
Kailua 100-225 m. Jan. 24, 1937
51 *Nephrolepis exaltata*
52 *Carex wahuensis*
53 *Polypodium lineare*
54 *Oplismenus hirtellus*
55 *Peperomia leptostachya*
56 *Lida*
57 *Cocculus Ferandianus*
58 *Scaevola Gaudichaudiana*
59 *Metrosideros collina*, var.
60 *Polypodium scolopendrium*
61 *Bidens*
62 *Psilotum nudum*
63 *Reynoldsia sandwicensis*

Terrace west of Kawaiiri Swamp,
Kailua alt. 50 m. Jan. 24, 1937
64 *Commelina benghalensis*
~~13544 *Ischaemum*~~

North edge of Kawaiiri Swamp,
Kailua 3 m. Jan. 24, 1937
13565 *Lida acuta*

65a *Tremella*
University campus, Honolulu, Jan. 26, 1937
66 *Coccoloba*

Garden of Mrs. Kahala,
Honolulu, Jan. 26, 1937
67 *Polypodium aureum*

Mokuli'i Islet, Kualoa, Jan. 31, 1937
68 *Psilotum nudum*
69 *Cyperus pennisatus javanicus*
70 *Lida fallax*
71 *Lida fallax*
72 *Fimbristylis cymosa* var. *pycnocephalus*
73 *Passiflora foetida*
74 *Waltheria indica*
75 *Emilia sonchifolia*
76 *Tephrosia purpurea*
77 *Solanum nigrum*
78 *Digitaria*
79 *Cynodon dactylon*
80 *Ipomoea pes-caprae*
81 *Stachytarpheta*
82 *Euphorbia hirta*
83 *Lantana camara*
84 *Jacquemontia sandwicensis*
85 *Lonchocarpus oleraceus*
86 *Rhaphis aciculata*
87 *Desmodium triflorum*
88 *Lycium carolinianum*, var. *sandwicense*
89 *Oxalis corniculata*

13590

*Cassia*91 *Ipomoea indica*92 *Erigeron*93 *Panicum*94 *Paspalum orbiculatum* ^{with V.O. Fernald}95 *Portulaca oleracea*Kalama Beach,
Kailua

Feb. 7, 1937

96 *Gnaphalium*

Kaena Point

Feb. 21, 1937

97 *Lipochaeta integrifolia*98 *Euphorbia degeneri*99 *Lipochaeta lobata*, var. *denticulata*

Bluff above Kaena Point, Feb. 21, 1937

13600

Boerhaavia

Head of Kawaihapai gulch, Feb. 21, 1937

01 *Luttmia*02 *Carex brunnea*03 *Hedyotis acuminata* f. *violacea*Head of east side of Kamilomui valley,
Maunaloa

Mar. 7, 1937

04 *Morinda citrifolia* L.05 *Nephrolepis exaltata*06 *Pteris*07 *Psilotum nudum* (L.) Griseb.08 *Lida*09 *Eragrostis*10 *Doryopteris decipiens*11 *Pityrogramma*12 *Lida*

13613

*Artemisia*Peak at head of west fork of
Kalama Valley, Maunaloa Mar. 7, 193714 *Canthium odoratum* (Forst.) Less.Divide at head of Kalama
Valley, Maunaloa Mar. 7, 193715 *Lipochaeta integrifolia*16 *Lipochaeta lobata* var. *denticulata*Head of Maunawai Valley,
Maunaloa Mar. 7, 193717 *Lida fallax*18 *Commelin benghalensis*

19

20 *Panicum ~~sp.~~*21 *Abutilon incanum*Peak at head of east fork of
Kalama Valley, Maunaloa, Mar. 7, 193722 *Schiedea globosa* Mann & G.23 *Schiedea globosa* Mann &

Waianae Mar. 21, 1937

24 *Spergularia salina* E. V. O. F.25 *Vitex pinnata* L.26 *Lycyos*Honolulu University Campus Mar. 23, 1937
with Edward Linn

27

North ridge of Puu Kumakalii
Waianae Mts. Waianaeuka Mar. 28, 1937

- 13628 Rumex
29 Linaria canadensis (L.) Dum.
30 Cerastium
31 Carex bunnea
32 Eragrostis
33 Hedyotis Schlechtendahlia, sp. cordata v. cordata
34 Hedyotis acuminata, f. hirtella
35 Elaeocarpus bifidus
36 Pipturus
37 Polypodium
38 Eragrostis
39 Diellia
40 Asplenium
41 Doryopteris decipiens (Hook.) J. Sm.
42 Peperomia sandwicensis
43 Pelea peduncularis H. Lereille
44 Schiedea
45 Cyrtandra Garnotiana
46 Claoxylon sandwicense var. magnifolium
47 Luttonia f. glabrescens
48 Bidens
49 Alyxia olivacea f. ~~oxymis~~
50 Panicum
51 Straussia
52 Doodia
53 Claphroglossum hirtum
54 Asplenium
55 Dianella

East base of Puu Kalena, Kaala trail,
Waianae Mts., Waianaeuka Mar. 29, 1937

- 56 Claoxylon sandwicense, var. ~~magnifolium~~ magnifolium

- 13657 Asplenium
58 Claoxylon sandwicense, var. ~~magnifolium~~ magnifolium
f. glabrescens

North slope of Haleaun Valley,
Kaala trail, Waianae Mts.,
Waianaeuka Mar. 28, 1937.

- 59 Hedyotis Schlechtendahlia sp. cordata v. cordata
60 " " " "

~~Ridge~~ East ridge of ~~Puu~~ Puu
Kaala, north side of Haleaun
Valley, Waianae Mts.
Waianaeuka, Mar. 28, 1937

- 61
61a Broussaisia arguta
Summit of Puu Kaala, east side,
Waianae Mts., Waianaeuka
Mar. 29, 1937

- 62 Sadleria
63 Polypodium
64 Sadleria
65 Sadleria

66

67

- 462a 68 Broussaisia arguta
69 Alsiniidendron trinerve

70

71

- 71a Vaccinium calycinum f. Meyenianum
Summit of Puu Kaala, north side,
Waianae Mts., Waianaeuka, Mar. 29, 1937

71b Vaccinium

72

73 Polypodium

13674 *Polypodium tamariscinum*Summit of Puu Kaala, west side,
Waianae Mts. Waianaeuka, Mar. 27, 193775 *Cyrtandra Lessoniana*76 *Phyllostegia glabra*, var. *Maunaei*77 *Bidens*78 *Pityrogramma*79 *Cibotium glaucum*80 *Carex*

81

82 *Lycopodium serratum*Summit of Puu Kaala,
Waianae Mts. Waianaeuka
Mar. 27, 1937

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Ridge above Woodlawn, Manoa,
Apr. 3, 1937

91

92

93

Mokulua, south Islet, Kailua, Apr. 19, 1937

94 *Panicum*95 *Echinochloa colonum*Waahila, St. Louis Heights, Honolulu
Apr. 17, 193713696 *Lantana camara* L.~~Ridge~~ Manoa - Palolo Ridge.
above Woodlawn, ^{Koolau Mts} ~~Manoa~~, Apr. 17, 193797 *Eragrostis*98 *Rynchospora*99 *Chasmodon*13700 *Straussia*01 *Suttonia*02 *Vaccinium dentatum* x *calycinum*03 *Viola trachelifolia*04 *Straussia*Slope above Woodlawn, Olympus Trail,
~~Manoa~~ Koolau Mts., Manoa, Apr. 17, 193705 *Straussia*06 *Straussia*

07

08 *Straussia*09 *Lycopodium phyllanthum*10 *Asplenium*West side of Kailua Valley, 6 km.
upstream, Koolau Mts. Apr. 18, 1937
with V.O. Fosberg

11

12 *Trichomanes davallioides*13 *Cyrtandra garnotiana* Gaud.

14

15 *Trichomanes minutum*16 *Polypodium*17 *Peperomia latifolia*18 *Helaginella Menziesii*13715a *Rhacopilum cuspidigerum* (Schumacher) Mitt.
det. S.B. Bantam

- 13719 *Scaevola gaudichaudiana*
 20 *Blechnum occidentale*
 21
 22
 23 *Auricularia*
 24
 25 *Elaphoglossum reticulatum*
 26
 27 *Vittaria*
 28 *Sadleria cyathoides*
 29 *Nephrolepis exaltata*
 30 *Ophioglossum pendulum*

East side of Kahana Valley 2 km.
 above mouth, Koolau Mts. Apr. 10, 1937
 with U.D.F.

- 31 *Polypodium scolopendria*
~~*phymatodes*~~
 32 *Urena lobata*

Punaluu Valley, Koolau Mts. Apr. 25
 1937 with U.D.F.

- 33 *Passiflora*

~~Luna~~ Castle Trail, Punaluu Valley
 Koolau Mts. Apr. 25, 1937. With U.D.F.

- 34 *Lycopodium polychaetoides*
 35 *Polypodium*
 36 *Labordia fragarioides* var. *Humei* Cliffe
 37 *Labordia tinifolia* Gray
 38 *Nothocestrum*
 39 *Buddleia asiatica*
 40 *Blumea laciniata*
 41 *Cheirodendron*
 42 *Euphorbia multiflora* var. *microphylla*

- 13743 *Bobea elatior*
 44 *Straussia*
 45 *Diospyros ^{linearis var.} sandwicensis* ^{f. sandw.}
 46 *Straussia*

Castle Trail, divide between
 Punaluu and Kaluanui,
 Koolau Mts. Apr. 25, 1937 with U.D.F.

- 47 *Psychotria*

Kaluanui Valley, Koolau Mts.
 Apr. 25, 1937, with U.D.F.

- 48 *Isachne pallens*
 49 *Rhynchospora thyrsoidea*
 50 *Rhynchospora*
 51 *Bobea elatior*
 52 *Cyrtandra*
 53 *Bobea elatior*
 54 *Broussaisia arguta*
 55 *Peperomia latifolia*
 56 *Straussia*
 57 *Carex*
 58 *Polypodium Hookeri*
 59 *Peperomia oahuensis*
 60 *Lycopodium polychaetoides*
 61 *Dumbantia laxa* var. *bryanii*
 62 *Lycopodium phyllanthum*
 63 *Straussia*
 64 *Straussia*
 65 *Bidens*
 66 *Bobea elatior*
 67 *Gouldia terminalis*, var. *typica*, f. *robusta*

- Foot of Muananali, Kailua, Apr. 26, 1937
 13768 *Fitchia speciosa*
- Muam Valley, Honolulu, Apr. 26, 1937
 69 *Erigeron*
- Kaluanui Valley, Koolau Mts.
 Apr. 25, 1937 with V.O.F.
 70 *Pterotropia*
 71
 72
 73
- Kaloi gulch, Waianae Mts. ~~Honouliuli~~
 May 2, 1937
 74 *Dactylis glomerata* L.
 75
 76 *Santalum Freycinetianum*
- Poulihale ridge, Waianae Mts.
 Honouliuli, May 2, 1937
 77 *Asplenium*
 78 *Polypodium*
 79 *Cyperus*
 80 *Bidens waianensis*
 81 *Eragrostis*
 82 *Myoporum sandwicense*
 83 *Peperomia reflexa* var.
 84 *Festuca dentonensis*
 85 *Eragrostis retrofracta* Willd.
 86

- ^{Honouliuli}
 Mauna Kapi, ~~Head of~~ Manakulidivide
 Valley, Waianae Mts. May 2, 1937
 13787 *Coprosma longifolia*
 88 *Ladleria cyathoides*
 89 *Ladleria*
 90 *Luzula campestris* (L.) DC. var. *oahuensis*
 Degener & Focke
 91 *Eupatorium adenophorum*
 92 *Hypochaeris*
 93 *Cyperus*
 94 *Linaria canadensis*
- ~~Mauna Kapi, Waianae Mts.~~
~~Honouliuli - Manakulidivide~~ May 2, 1937
 95 *Polypodium*
- Mauna Kapi, head of
 Manakuli Valley, Waianae Mts.
 May 2, 1937
 96 *Rumex*
 97 *Hedyotis Schlechtendahlia*, esp. *cordata*, var. *secundiflora*
 f. *discolor*
 98 *Euphorbia*
 99 *Carex wahuensis*
 13800
- Palehua, Honouliuli-Manakuli
 divide, Waianae Mts. May 2, 1937
 01 *Cryptomeria japonica*
 02 *Korthalsella*
 03 *Gouldia terminalis* var. *macrothyrax*
 04 *Dianella*
 05 *Panicum*
 06 *Coprosma Furei* var. *oahuensis*
 07
 with V.O.F.

Ridge west of Awauni gulch,
below Pun Manawahua, Waianae
Mts. Honouliuli May 2, 1937

- 13808 *Cupressus ~~macrocarpa~~ ^{sempervirens}*
09 *Cupressus macrocarpa*
10 *Pteridium aquilinum*
11 *Centauria melitensis*

Ridge east of Makaiwa gulch,
Waianae Mts. Honouliuli, May 2, 1937

- 12 *Lida fallas*
13 *Pluchea indica*

Awauni gulch, Waianae Mts.
Honouliuli, May 2, 1937

- 14 *Argemone alba* det. Martin

Honolulu, Kalakaua Ave. May 3, 1937

- 15 *Azolla filiculoides*

Waikane Valley, Koolau Mts. May 16, 1937

- 16 *Babea elatior*

~~Head of H~~

Waikane-Schofield Trail,
head of Kahana Valley, Koolau Mts.
May 16, 1937

- 17 *Babea elatior*
18 *Polypodium*
19 *Straussia*
20 *Cibotium*

21 *Pteridium aquilinum*

22

- 23 *Straussia*

24

Waikane-Schofield Trail, etc.
Kahana-Waianae divide,
Koolau Mts. May 16, 1937

- 13825 *Tetraplasandra*

- 26 *Tetraplasandra*

Waikane-Schofield trail,
Koolau Mts. Waikane, May 16, 1937

- 27 *Nothoestrum*

Manoa Valley, Honolulu, May 22, 1937

- 28 *Amaranthus viridis* L.

- 29 *Amaranthus spinosus* L.

- 30 *Amaranthus*

- 31 *Amaranthus*

- 32 *Ageratum Houstonianum*

- 33 *Azolla filiculoides*

- 34 *Cyperus difformis*

Woodlawn, Manoa Valley, Honolulu
May 22, 1937

- 35 *Ageratum Houstonianum*

- 36 *Paspalum*

- 37 *Echinochloa*

Olympus trail, ridge up from
Woodlawn, Manoa Valley, May 22, 1937

- 38 *Lantana camara*

- 39 *Babea elatior*

Halawa Ridge, Koolau Mts.
May 23, 1937

- 40 *Wikstroemia*

- 41 *Metastictis Schlecterae*, aff. *cadata*, v. *nitens* f. *nitens*

- 42 *Isachne pallens*

- 43 *Clermontia persicifolia* Gand.

- 138 44 *Buddleia asiatica*
 45 *Hesperomannia*
 46 *Diospyros* ^{fovea var.} *sandwicensis* f. *sandwicensis*
 47 *Charpentiera*
 48 *Coprosma foliosa*
 49 *Pseudomorus Brunonianus*
 50 *Rollandia*
 51 *Diospyros* ^{fovea var.} *sandwicensis* f. *sandw.*
 52 *Psilotum*
 53 *Tetraplasandra*
 54 *Polypodium*
 55 *Viptum*
 56 *Jahnia*
 57 *Pogonatum Baldwinii*

top of cliffs at head of Naiku Valley
 Main divide of Koolau mts. Heeia,
 May 23, 1937

- 58 *Meritana*
 59 *Gouldia terminalis*, var. *typica*, f. *robusta*
 60 *Labordia*
 61 *Scaevola glabra*
 62 *Vaccinium dentatum* Sm.
 63 *Lanicula purpurea* St. John. H. & A. H.
 64 *Straussia*
 65 *Tetraplasandra*
 66 *Gouldia terminalis*, var. *typica*, f. *robusta*
 67 *Sadleria*
 68 *Sadleria*
 69 *Cladium* ~~*angustifolius*~~
 70 *Nephrrolepis cordifolia*?
 71 *Rhynchospora thyrsoidea*
 72 *Cheirodendron*
 73 *Euphorbia rockii*

- 138 74 *Phyllostegia lantanoides*
 75 *Panicum koolauense*
 76 *m...*

Diamond Head crater, Honolulu,
 May 23, 1937

- 77 *Boerhaavia diffusa* var.
 78 *Boerhaavia diffusa* var.
 79 *Dactyloctenium aegyptium*
 80 *Dryopteris glabra* var. *striata* Herat ined. det.
~~*Euphorbia*~~ *Degeneri* Thell.
 T. Herat 1977
 81 *Dodonaea viscosa*
 82 *Triplaris cistoides*
 83 *Muhlenbergia microsperma*
 84 *Lipochaeta lobata* var. *albescens*
 85 *Passiflora foetida* var. *gossypifolia*
 86 *Lida fallax*
 87 *Conyza canadensis*
 88 *Euphorbia Degeneri*
 89 *Boerhaavia diffusa*, var.
 90 *Cuscuta sandwicensis*
 91 *Chenopodium murale*
 92 *Panicum torridum*
 93 *Panicum torridum*
 94 *Erigeron albidus*
 95 *Portulaca oleracea*
 96
 97 *Maiva parviflora*
 98 *Euphorbia heterophylla* ^{*heterophylla*}
 99 *Rythrum maritimum*
 139 00 *Heliotropium curassavicum*
 01 *Cornmelina benghalensis*
 02 *Amaranthus viridis*
 03 *Xanthium*
 04 *Muhlenbergia microsperma*

- 13905 *Boerhaavia diffusa*
 06 *Cyperus trachysanthus*
 07 *Cyperus*

Waiawa trail, s. ridge of Kipapa
 Gulch, Koolau Mts. May 29, 1937

- 08 *Eurya sandwicensis*
 09 *Buddleia asiatica*

Uncle Tom's Cabin,
 Peak at head of Waiawa trail
 Koolau Mts. May 30, 1937

- 10 *Carex*
 11 *Plantago*
 12 *Nephrolepis cordifolia*

Main divide bet. Waiannu gulch
 and Kipapa gulch, Koolau Mts.
 May 30, 1937

- 13 *Isachne pallens*
 14 *Labordia*
 15 *Tetraplasandra*
 16 *Bobea elatior*
 17 *Labordia*

Main divide bet. ~~Waiannu~~ ^{Uuwau} gulch
 and Kipapa gulch, Koolau Mts.
 May 30, 1937

- 18 *Panicum koolauense* St. John & Hosaka
 19 *Labordia*
 20 *Lycopodium serratum*
 21 *Labordia*

W. M. S. 9. Hosaka to 14002

~~13911~~ Main divide between Waikane
 Valley and Waikakalana gulch,
 Koolau Mts. May 30, 1937

^{d. Sheff} 13922 *Labordia faquaeridea* var. *confesta* Sheff (type coll.)

- 23 *Luttmia*
 24 *Durbanthia laxa* var. *bryanii*
 25 *Straussia*
 26 *Eugenia sandwicensis*
 27 *Polypodium tamariscinum*
 28 *Nephrolepis cordifolia*
 29 *Cyperus*
 30 *Ladleria*

Main divide at head of north
 branch of Kahana Valley, Koolau Mts.
 May 30, 1937

- 31 *Hedyotis corymbosa*, v. *lauris*, f. *glomerata*
 32 *Mentha*
 33 *Bidens*
 34 *Platydesma spatulatum* (Gray) ^{Stone f.}
 35 ~~*Scaevola*~~ *Agrostis retrofracta* <sup>stonei
degener</sup>
 36 *Cheirocladon*

Puu Passas, head of Punahoa
 Valley, Koolau Mts. May 30, 1937

- 37 *Gouldia St. Johnii*
 38 *Straussia*
 39 *Phyllostegia lantanoides* Sheff
 40 *Dianella sandwicensis*
 41 *Isachne pallens*

Divide bet. head of Poamoho gulch and
 head of Punahoa Valley, Koolau Mts. May 30, 1937
 42 *Plantago*

13943 *Panicum koolauense* St. John & Hosaka

~~44 *Cyrtandra*~~

Main divide bet. head of Helemane Gulch and Punahoa Valley, Koolau Mts.

May 30, 1937

44 *Cyrtandra Lessoniana*

45 *Gouldia St. Johnii* Fosberg var. *typica*

Main divide bet. head of Kawaiiki Gulch and Kaluanui Gulch, Koolau Mts.

May 30, 1937

46 *Carex*

Main divide near head of Castle Trail, Koolau Mts., Kaipauhan

May 31, 1937

det. H. L. S.

47 *Eleocharis radicans* (Poir.) Kunth

48 *Gouldia St. Johnii* Fosberg var. *typica*

49 *Straussia*

50 *Broussaisia arguta* Gaud.

51 *Cheirodendron*

52 *Bidens*

53 *Cheirodendron*

54 *Nephrolepis cordifolia*

55 *Clemontia persicifolia*

56 *Laevola glabra*

57 *Broussaisia arguta* Gaud.

58 *Eugenia sandwicensis*

59 *Straussia*

Main divide, head of Kawaiiki Gulch, Koolau Mts.

May 31, 1937

60 *Nertera*

13961 *Cyrtandra paludosa*

62 *Ladleria*

63 *Broussaisia arguta*

64 *Cheirodendron*

65 *Gouldia terminalis* var. *ericaea*

66 *Straussia*

Main divide above Kaipauhan Gulch, Koolau Mts.

May 31, 1937

67 *Lepidostichum*

68 *Lepidostichum*

69 *grass*

70 *Stenoloma chinensis*

71 *Styphelia*

72 *Schizaea*

73 *Viola kawaiensis*

74 *Viola oahuensis*

76 *grass*

77 *Lycopodium serratum*

78 *Vaccinium dentatum*

det. H. L. S.

79 *Labordia fragariae* var. *Humei* Sheff.

80 *Vaccinium papahalei* Skottch.

81 *Hymenophyllum*

82 *Peperomia elliptica*

83 *Polypodium tamniscinum*

84 *Lycopodium cernuum*

85 *Elaphoglossum gorgoneum*

86 *Plantago pachyphylla* var.

87 *Panicum*

88 *Metrosideros*

89 *Ladleria*

90 *Bidens macrocarpa*

91 *Isachne fallens*

92 *Nertera granadensis*

- 13993 *Ladleria polystachya*
 94 *Cheirodendron*
 95 *Cheirodendron*
 det. H.K.S. 96 *Eleocharis obtusa* (Willd.) Schultes var. *enotata* Hb.
 97 *Jussiaea suffruticosa* var. *ligustifolia*
 Puna Kainapuaa, main divide
 Koolau Mts., Laie May 31, 1937
 98 *Habenaria holochila*
 det. H.K.S. 99 *Eleocharis radicans* (Poir.) Kunth
 Pupukea-Kahuku trail, Koolau
 Mts. Hanakaoe May 31, 1937
 14000 *Diospyros* ^{f. *obtusata*} *sandwicensis*
 01 *Labordia*
 Pupukea-Kahuku trail, Koolau
 Mts. Kounala May 31, 1937
 02 *Diospyros*
 Muanu Valley, Foster Garden
 June 6, 1937
 03 *Cassia*
 Muanu Valley
 June 6, 1937
 04 *Ageratum Houstonianum*
 Kapapa Islet, Kaneohe Bay, June 6, 1937
 05 *Stachytarpheta indica*
 06 *Emilia sonchifolia*
 07 *Eleusine indica*
 08 *Lida fallax*
 09 *Ipomoea pes-caprae*

- 14010 *Lantana camara*
 11 *Hibiscus tiliaceus*
 12 *Jacquemontia sandwicensis*
 13 *Heliotropium anomalum* var. *argenteum*
 14 *Ipomoea indica*
 15 *Cenchrus echinatus*
 16 *Heliotropium anomalum* var. *argenteum*
 17 *Perchardia tingitana*
 18 *Lycium carolinianum* var. *sandwicense*
 19 *Cuscuta sandwicensis*
 20 *Scaevola frutescens*
 21 *Fimbristylis cymosa* var. *pycnostachya*
 22 *Cynodon dactylon*
 23 *Boerhaavia diffusa*
 24 *Boerhaavia diffusa*
 25 *Lonchocarpus oberreuteri*
 26 *Casuarina glauca*
 27 *Casuarina equisetifolia*
 28 *Lipochaeta integrifolia*
 29 *Lepidium bidentatum* var. *sandwicense*
 30 *Eragrostis*
 31 *Portulaca lutea*
 32 *Lesquerium portulacastrum*
 33 *Lesquerium portulacastrum*
 34 *Portulaca lutea*
 35 *Portulaca lutea*
 36 *Messerschmidia argentea*
 37 *algae*
 Kailua Beach June 13, 1937
 38 *Ruppia maritima* var. *pacifica*
 f. *pacifica* (type)

Kaoihikaipu Islet, Waimanalo Bay,

June 13, 1937

- 14039 *Dactyloctenium aegyptium* ✓
 40 *Ipomoea indica* ✓
 41 *Ipomoea cairica* ✓
 42 *Portulaca lutea* ✓
 43 *Heliotropium anomalum* var. *argenteum* ✓
 44 *Heliotropium anomalum* var. *argenteum* ✓
 45 *Lantana camara* ✓
 46 *Cenchrus echinatus* ✓
 47 *Cynodon dactylon* ✓
 48 *Bidens pilosa* ✓
 49 *Albugo* ✓
 50 *Lida fallax* ✓
 51 *Ripochaeta integrifolia* ✓
 52 *Lesbania tomentosa* ✓
 53 *Argemone alba* Lef. det. Martin. ✓
 54 *Boerhaavia diffusa* ✓
 55 *Emilia sonchifolia* ✓
 56 *Lonchocarpus oleraceus* ✓
 57 *Jacquemontia sandwicensis* ✓
 58 *Solanum nigrum* ✓
 59 *Scaevola frutescens* ✓
 60 *Sesuvium portulacastrum* ✓
 61 *Portulaca oleracea* ✓
 62 *Fimbristylis cymosa* var. *pycnocarpa* ✓
 63 *Atriplex semibaccata* R. Br. ✓
 64 *Cuscuta sandwicensis* ✓
 65 *Heliotropium curassavicum* ✓
 66 *Chloris inflata* ✓
 67 *Reichardia tingitana* ✓
 68 *Sporobolus virginicus* ✓
 69 *Sesuvium portulacastrum* ✓
 70 *Portulaca villosa* ✓

Moku Manu (south islet), Kaneohe,
 (up to 60 m.) June 18, 1937

- 14071 *Atriplex semibaccata* ✓
 72 *Portulaca oleracea* L. ✓
 73 *Boerhaavia diffusa* ✓
 74 *Heliotropium curassavicum* ✓
 75 *Portulaca oleracea* ✓
 76 *Digitaria sanguinalis* ✓
 77 *Chenopodium oahuense* ✓
 78 *Portulaca oleracea* ✓
 79 *Eleusine indica* ✓
 80 *Portulaca oleracea* ✓
 81 *Amaranthus viridis* ✓
 82 *Solanum nigrum* ✓
 83 *Panicum torridum* ✓
 84 *Portulaca oleracea* ✓
 85 *Boerhaavia diffusa* ✓
 86 *Sporobolus virginicus* ✓
 87 *Sesuvium portulacastrum* ✓
 88 *Lycium carolinianum*, var. *sandwicense* ✓
 89 *Sesuvium portulacastrum* ✓
 90 *Myoporum* ✓
 91 *Tribulus cistoides* ✓
 92 *Euphorbia* ✓

Moku Manu (north islet), Kaneohe,
 up to 40 m. June 18, 1937

- 93 *Boerhaavia diffusa* ✓
 94 *Panicum torridum* ✓
 95 *Argemone alba* det. Martin ✓
 96 *Lida fallax* ✓
 97 *Eleusine indica* ✓
 98 *Solanum nigrum* ✓
 99 *Tribulus cistoides* ✓

- 1400 Solanum lycopersicum, var. pimpinellifolium
 01 Atriplex semibaccata
 02 Sida fallax
 03 Portulaca oleracea
 04 Chenopodium oahuense
 05 Sesuvium portulacastrum
 06 Lycium carolinianum var. sandwicense
 07 Portulaca lutea.

Mokolea Rock, Kailua Bay, June 18, 1937

- 08 Sesuvium portulacastrum
 09 Portulaca ~~lutea~~ oleracea
 10 Lycium carolinianum var. sandwicense

Woodlawn, Manoa, Honolulu

- June 19, 1937
 11 Boneria laevis (Lam.) Griseb.
 12 Acanthopanax compressum
 13 Sida
 14 Oplismenus hirtellus
 15 Setaria glauca
 16 Scaevola Gandichaudiana f. leucocarpa
 17 Scaevola
 18 Ranunculus sandwicensis
 19 Gleichenia linearis

Kaalaki (Keawawa) V. Koolau Mts.

- June 20, 1937
 20 Sorghum vulgare
 21 Ocimum
 22 Caesalpinia
 23 Cuphea carthagenensis
 24 Lipochoeta

Sacred Falls, Kaluanui
 gulch, Koolau Mts. June 20, 1937

- 14125 Trichomanes serratum Poir.
 26 Phyllanthus sandwicensis
 27
 28 Hedyotis fluviatilis, var. Kaniapuaena f. Kaniapuaena

Main ridge bet. Nuuanu and
 Koolau Mts. June 27, 1937

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udichaudiana Cham.
 chaudiana Cham. f. leucocarpa

clusiaefolia
 usiaefolia
 lentatum

nia
 m

ollis?

mollis

island

Imokuanua, Laie, July 4, 1937

- 47 Euphorbia prostrata
 48 Bacopa Monniera
 49 Cynodon dactylon
 50 Eclipta alba
 51 Lonicera

- 1400 Solanum lycopersicum, var. pimpinellifolium
 01 Atriplex semibaccata
 02 Sida fallax
 03 Portulaca oleracea
 04 Chenopodium oahuense
 05 Sesuvium portulacastrum
 06 Lycium carolinianum var. sandwicense
 07 Portulaca lutea

Mokolea Road

- 08 Sesuvium
 09 Portulaca
 10 Lycium car.

Woodland

- 11 Boneria lae
 12 Axonopus
 13 Sida
 14 Oplismenus
 15 Setaria
 16 Scaevola ga
 17 Scaevola
 18 Rauwolfia
 19 Gleichenia

Maclaki (Kauai)

- 20 Sorghum vulgare
 21 Ocimum
 22 Caesalpinia
 23 Cuphea carthagenensis
 24 Lipochaeta

Sacred Falls, Kaluanui

gulch, Koolau Mts. June 20, 1937

- 14125 Trichomanes parvulum Poir.
 26 Phyllanthus sandwicensis
 27
 28 Hedysotis fluviatilis, var. Kaniapuaena f. kaniapuaena

Main ridge bet. Nuanu and
Kalihi, Koolau Mts. June 27, 1937

- 29 Metrosideros
 30 Metrosideros
 31 Rhynchospora
 32 Scaevola gaudichaudiana Cham.
 33 Scaevola gaudichaudiana Cham. f. leucocarpa
 34 Scaevola
 35 Euphorbia clusiaefolia
 36 Euphorbia clusiaefolia
 37 Vaccinium dentatum
 38 Luttonia
 39 Wikströmia
 40 Polypodium
 41 Straussia
 42 Sadelia
 43 Scaevola
 44 Scaevola mollis?
 45 Scaevola
 46 Scaevola mollis

Island

Mokuauia, Laie, July 4, 1937

- 47 Euphorbia prostrata
 48 Bacopa monnieri
 49 Cynodon dactylon
 50 Eclipta alba
 51 Lonicera

- 1400 *Solanum lycopersicum*, var. *pimpinellifolium*
 01 *Atriplex semibaccata*
 02 *Sida fallax*
 03 *Portulaca oleracea*
 04 *Chenopodium oahuense*
 05 *Lesuvium portulacastrum*
 06 *Lycium carolinianum* var. *sandwicense*
 07 *Portulaca lutea*.

Mokolea Rock, Kailua Bay, June 12, 1937

- 08 *Lesuvium portulacastrum*
 09 *Portulaca ~~lutea~~ oleracea*
 10 *Lycium carolinianum* var. *sandwicense*

Woodlawn, Manoa, Honolulu

- June 19, 1937
 11 *Boerhaavia laevis* (Lam.) Griseb.
 12 *Axonopus compressus*
 13 *Sida*
 14 *Oplismenus hirtellus*
 15 *Setaria glauca*
 16 *Scaevola gaudichaudiana* f. *leucocarpa*
 17 *Scaevola*
 18 *Rauwolfia sandwicensis*
 19 *Gleichenia linearis*

Kaalakai (Keawakawa) V. Koolau Mts.

- June 20, 1937
 20 *Loranthum vulgare*
 21 *Ocimum*
 22 *Caesalpinia*
 23 *Cuphea carthagenensis*
 24 *Lipochaeta*

Sacred Falls, Kaluanui

gulch, Koolau Mts. June 20, 1937

- 14125 *Trichomanes parvulum* Presl.
 26 *Phyllanthus sandwicensis*
 27
 28 *Hedyotis fluvialis*, var. *Kanapuaena* f. *Kanapuaena*

Main ridge bet. Nuuanu and
 Kalahehi, Koolau Mts. June 27, 1937

- (600-800m.)
 29 *Metrosideros*
 30 *Metrosideros*
 31 *Rhynchospora*
 32 *Scaevola gaudichaudiana* Cham.
 33 *Scaevola gaudichaudiana* Cham. f. *leucocarpa*
 34 *Scaevola*
 35 *Euphorbia clusiaefolia*
 36 *Euphorbia clusiaefolia*
 37 *Vaccinium dentatum*
 38 *Luttmia*
 39 *Wikstroemia*
 40 *Polypodium*
 41 *Straussia*
 42 *Sadleria*
 43 *Scaevola*
 44 *Scaevola mollis*?
 45 *Scaevola*
 46 *Scaevola mollis*

Island

Mokuauia, Laie, July 4, 1937

- 47 *Euphorbia prostrata*
 48 *Bacopa monnieri*
 49 *Cynodon dactylon*
 50 *Eclipta alba*
 51 *Loranthus*

- 14152 *Emilia sonchifolia*
 53 *Erigeron canadensis*
 54 *Stachytarpheta*
 55 *Polypodium scolopendrium*
 56 *Canavalia*
 57 *Fimbristylis cymosa* var. *pycncephala*
 58 *Casuarina equisetifolia*
 59 *Casuarina equisetifolia*
 60 *Casuarina equisetifolia*
 61 *Scaevola frutescens*
 62 *Jacquemontia sandwicensis*
 63 *Heliotropium curassavicum*
 64 *Solanum nigrum*
 65 *Vigna marina*
 66 *Lycium carolinianum* Wall. var. *sandwicense* (Gray) Hitchc.
 67 *Oxalis corniculata*
 68 *Ipomoea pes-caprae*
 69 *Centella asiatica*
 70 *Lantana camara*
 71 *Sida fallax*
 72 *Sporobolus virginicus*
 73 *Lonchus*
 74 *Lesuvium portulacastrum*
 75 *Sida fallax*
 76 *Lesuvium portulacastrum*
 77 *Plantago lanceolata*
 78 *Boerhaavia diffusa* var.
 79 *Boerhaavia diffusa* var.
 80 *Boerhaavia diffusa* var.
 81 *Scaevola frutescens*
 82 *Portulaca oleracea*
 83 *Albugo*

- Raicea* July 4, 1937
 14184 *Vitex trifolia* var. *simplicifolia*
 85 *Euphorbia Degeneri* Sherff
 86 *Boerhaavia diffusa* var.
 87 *Albugo*
 88 *Cyperus pennatus javanicus*

Laiemalos July 4, 1937
 89 *Ruppia maritima* var.
 90 *Plantago major*

Kahana Bay July 4, 1937
 91 *Canavalia*
 92 *Kyllinga capillata* *Cyperus kyllingia*

Waiahole July 4, 1937
 93 *Mucuna gigantea*

Mt. Tantalus, Koolau Mts, Honolulu July 5, 1937
 94 *Bobea elatior* var.
 95 *Labordia tinifolia* det. Sherff.
 96 *Mesembryanthemum*

Pauoa Flats, Koolau Mts. July 5, 1937
 97 *with V.O.F.*

Honolulu, McCully St. + Alawai, July 6, 1937.
 98 *Amaranthus viridis*
 99 *Amaranthus viridis*

Honolulu July 8, 1937
 14200 *Delonix regia*
 01 *Lamanea saman*

Honolulu Foster Garden. July 13, 1937

14202 Bunchosia

03 Hamelia patens

04 Callicarpa pedunculata

Honolulu

July 14, 1937

05

06 Sambucus

07 Bauhinia

Kipapa Gulch, by Kamehameha highway
July 17, 1937

08 Acacia

Kealia

July 17, 1937

09 Chloris radiata

Kealia Trail, Waianae Mts.,

Kealia

July 17, 1937

10 Lappidus oahuensis

11 Lepidium

12 Lemna

13 Rauwolfia sandwicensis

Haili Gulch, ~~Kaena~~ Waianae Mts.

Kaena

July 17, 1937

14 Cyanea

Mokuleia

July 17, 1937

15 Ruppia maritima

16 Alternanthera

Honolulu, Bishop Museum grounds July 28, 1937

17 Prosopis chilensis (Mol.) Kuntz

18 Panicum repens

14219 Puccinea

20 Euphorbia prostrata

Honolulu, Manoa

July 22, 1937

21 Pentas

Honolulu

July 22, 1937

22 Elaeagnus

22a Ruellia ~~ventricosa~~ gracilis

Main divide, crest of Koolau Mts.,
above Kaipaukau Gulch, July 24, 1937

23 Cheirodendron

24 Lobelia

25 Styphelia tameiameia var. hexamera

26 Bidens

27 Nephrolepis cordifolia

28 Sanicula purpurea

29 Viola kaniensis

Main divide, crest of Koolau Mts.,
head of Kawailoa Gulch opposite
~~crest~~ north fork of Kaipaukau
Gulch, July 24, 1937.

30 Tagara oahuensis

Main divide, crest of
Koolau Mts., near top
of Laie Trail July 24, 1937

31 Rollandia

32 Leptospermum

Laie Trail, Kahawaimii-Ihiki ridge,
Koolau Mts. Laie, July 24, 1937

33 Pluchea odorata

- 14234 *Labordia cyrtandroides*
 35 *Mephrolepis cordifolia*
 36 *Pteralyxia*
 37 *Lid. sp.*
 38 *Seacervola gaudichaudiana*
 39 *Anonopus compressus*
 40 *Diospyros Hillebrandii*
 41 *Bohea elatior* Gand.

Kaiwa ridge, Kailua July 25, 1937
 42 *Plectranthus australis*

- Slopes of Kaiwa ridge above
 Kaelepulu pond, Kailua, July 25, 1937
 43 *Doryopteris decipiens*
 44 *Passiflora foetida* var. *gossypifolia*
 flats
 near Kaelepulu pond, Kailua
 July 25, 1937.
 45 *Cyperus javanicus*
 46 *Sida*

- Kekepa Islet, Heia-Mokapu, July 25, 1937
 47
 48 *Heliotropium anomalum* H. & G. var. *argenteum* Gray
 49 *Sesuvium portulacastrum*
 50 *Boerhaavia diffusa*
 51 *Portulaca lutea*
 52 *Sida fallax*
 53 *Euphorbia Degeneri*
 54 *Fimbristylis cymosa* var. *pycnoccephala*
 55 *Capparis sandwichiana*
 56 *Euphorbia cactoides* var. *halawana* f. *halawana*
 57 *Lycium carolinianum*, var. *sandwicense*

- 14258 *Lonchus olivaceus*
 59 *Heliotropium anomalum* var. *argenteum*

Honolulu, Manoa Valley, July 27, 1937

- 60 *Digitaria Henryi*

Honolulu, Manoa Valley, July 28, 1937

- 61 *Solenum*.

Honolulu, Manoa Valley Aug. 1, 1937

- 62 *Talinum paniculatum*
 63 *Leonurus sibiricus* L.

Hollywood, Los Angeles Co. Aug. 14, 1937

- 64 *Digitaria sanguinalis*

Arcadia, Los Angeles Co. Aug. 16, 1937

- 65 *Digitaria sanguinalis*

Turlock, Stanislaus Co. Aug. 22, 1937

- 66 *Eragrostis pilosa* ^{diffusa}
 67 *Lespedeza stipulacea*

Tecolumbre grove, Toluca Co. Aug. 23, 1937

- 68 *Galium sparsifolium*

Grade above Leevining Creek,
 9 mi below Tioga Pass, Mono Co. Aug. 23, 1937

- 69 *Cryptantha muricata* var. *denticulata*
 70 *Argemone platyceras* var. *hispida*

Valley 4 mi. S of Benton Station, Mono Co.
 Aug. 24, 1937

- 71 *Lesingia germanorum* var.

140 Nevada - Utah - Arizona

- Hills e. of Basalt, Mineral Co. Aug. 24, 1937
 14272 *Euphorbia fendleri* var. *typica*
 73 *Psathyrotes annuus*
- McLean, Esmeralda Co. Aug. 24, 1937
 74 *Iva nevadensis*
 75 *Oxystylis lutea* Torr. + Frem.
 near Mesquite Spr.
 3 mi. w. of Indian Springs, Clark Co. Aug. 25, 1937
 76 *Rhus trilobata* var. *quinata*
- New Cornstock, California Wash, 7 mi. e. of Glendale, Clark Co. Aug. 25, 1937
 77 *Chilopsis linearis* var. *arcuata*
- Glendale, Clark Co. Aug. 25, 1937
 78 *Limnium californicum*
- W. base of Beaver Dam Mts. Washington Co. Utah Aug. 25, 1937
 79 *Larrea divaricata*
- near Ivin's Washington Co. Aug. 25, 1937
 80 *Larrea divaricata*
 81 *Chilopsis linearis* var. *arcuata*
- 4.5 mi. n. of Glendale, Kane Co. Aug. 26, 1937
 82 *Mentha cataria*
- Point Cape Royal, Grand Canyon, Coconino Co. Aug. 27, 1937
 83 *Chamaebataria millefolium*

New Mexico - Texas - Oklahoma - 141
 Missouri - Iowa

- 8 mi. w. Palma, Torrance Co. Aug. 29, 1937
 14284 *Chenopodium graveolens*
 85 *Eragrostis arida*
- Groom, Carson Co. Texas, Aug. 30, 1937
 86 *Polygonum longistylum* var. *complanatum*
 87 *Verhonia marginata*
- 8 mi. e. of Shamrock, Wheeler Co. Aug. 30, 1937
 88 *Mirabilis exaltata*
 near Narcissa
 Ottawa Co. Oklahoma, Aug. 31, 1937
 89 *Ruellia ciliosa*
 90 *Pycnanthemum flexuosum*
 91 *Diodia teres*
 92 *Euphorbia maculata*
 93 *Croton capitatus*
 94 *Hypericum Drummondii*
 95 *Aster paludosus*
 96 *Liatris*
 97 *Cassia chamaecrista*
 98 *Helianthus mollis*
 99 *Ambrosia bidentata*
- 14300 *Liatris scariosa*
 01 *Eryngium yuccifolium*
- Near Whiteside, Lincoln Co. Missouri, Sept. 3, 1937
 02 *Cuphea petiolata*
 03 *Vernonia Baldwinii*
 04 *Plantago aristata*
- near New Boston, Lee Co. Iowa, Sept. 3, 1937
 05 *Symphoricarpos orbiculatus*

- Goose Lake, Cedar Falls, Black Hawk Co. Sept. 4, 1937
 14306 *Utricularia vulgaris* var. *americana*
 5 mi. n.w. of Cedar Falls, Black Hawk Co. Sept. 4, 1937
 07 *Stachys tenuifolia* Willd. var. *aspera* (Muhl.) Fern.
 Cedar River, 5 mi. n. Cedar Falls,
 Black Hawk Co. Sept. 5, 1937
 08 *Eupatorium urticifolium*
 09 *Abutilon Theophrasti*
 Indiana Dunes State Park, Porter Co.
 Indiana Sept. 9, 1937
 10 *Monarda punctata*
 Sunset Farm,
 Van Wert, Van Wert Co., Ohio, Sept. 9, 1937
 11 *Ostrya virginica*
 12 *Polygonum pennsylvanicum*
 1 mi. w. of North Star, Allegheny Co.
 Pennsylvania, Sept. 10, 1937
 13 *Veronica officinalis*
 14 *Solidago pubescens* (Willd.) Pursh
 15 *Polygala verticillata*
 16 *Solidago nemoralis*
 17 *Solidago bicolor*
 18 *Aster lateriflorus*
 19 *Solidago caesia* L.
 20 *Galium pilosum*
 Emerald Park,
 near
 1 mi. e. of Toxestown, Somerset Co. Sept. 10, 1937
 21 *Lobelia inflata*
 22 *Vaccinium angustifolium*
 23 *Vaccinium Gaylussacia baccata*

- 14324 *Hieracium paniculatum*
 25 *Aster Louisaensis*
 26 *Hieracium marianum* Willd.
 27 *Prenanthes altissima*
 28 *Hedeoma pulegioides*
 29 *Hypericum mutilum*
 w. of Avalon
 Cape May Co. New Jersey, Sept. 23, 1937
 30 *Teucrium canadense* L. var. *littorale* (Bickn.) Fern.
 31 *Kosteletzkya virginica* L.
 32 *Achillea millefolium* L.
 Stone Harbor, Cape May Co. Sept. 23, 1937
 33 *Eragrostis spectabilis*
 34 *Polygonella articulata* (L.) Meisn.
 Cape May Court House, Cape May Co., Sept. 23, 1937
 35 *Longchasma nutans*
 36 *Eragrostis megastachya* (Koel.) Link
 Clinton, Hunterdon Co. Sept. 25, 1937
 37 *Artemisia vulgaris*
 1 mi. w. of High Bridge, Hunterdon Co. Sept. 25, 1937
 38 *Mimulus rugens* L.
 39 *Benjoin aestivale* (L.) Des.
 Black Brook, 1 mi. below Glen Gardner,
 Hunterdon Co. Sept. 25
 40 *Aster novaeangliae*
 41 *Aspidotuberosa*
 42 *Solanum Dulcamara* L.

Black Brook, near Charlestown
Huntern Co.

Sept. 25, 1937

- 14343 *Cuscuta Gronovii*
44 *Collinsonia canadensis* L.
45 *Galium circaezana*
46 *Amphicarpa ~~maritima~~ bracteata*
47 *Viburnum acerfolium* L.
48 *Solidago bicolor* L.
49 *Lespedeza*
50 *Gentiana Andrewsii*
51 *Spiraea latifolia* Borkh.
52 *Aster novaeangliae*
53 *Solidago nemoralis*
54 *Aster ~~lateiflorus~~ (L.) Britt. ericoides*
55 *Rhododendron viscosum*
56 *Clematis virginiana* L.
57 *Dioscorea villosa* L.
58 *Bidens frondosa*
59 *Smilax rotundifolia*
60 *Bidens connata* var. *petiolata*
61 *Oxalis europaea* Jord.
62 *Polygonatum ~~pubescens~~ (L.) Mill.*

5 mi. n. of Newton, Sussex Co. Sept. 15, 37

- 63 *Anychia canadensis* (L.) B.S.P.
64 *Cunila origanoides*

near Martins Sta. 7 mi. s.e. Sussex,
Sussex Co. Sept. 25, 1937

- 65 *Potentilla recta* L.
66 *Parnassia caroliniana* Michx.
67 *Spiranthes cernua* (L.) Richard
68 *Cicuta bulbifera* L.
69 *Lobelia Kalmiae* L.

- 14370 *Aster paniculatus*
71 *Polygonum sagittatum* L.
72 *Centaurea maculosa* Lam.
73 *Vernonia novaboracensis* Willd.
74 *Sanguisorba canadensis* L.
75 *Polygonum punctatum*
76 *Ludwigia palustris*
77 *Veronica ~~anagallis~~ - aquatica* L.
78 *Bidens cernua*
79 *Mentha arvensis*
80 *Hypericum mutilum* L.
81 *Potentilla fruticosa* L.
82 *Pycnanthemum virginianum*
83 *Epilobium glandulosum*
84 *Silene noctiflora*
85 *Silene latifolia*

14370a *Aster paniculatus*
14373a *Polygonum sagittatum*

near Owen, Sussex Co. Sept. 26, 1937

- 86 *Galium triflorum*
87 *Solidago latifolia*
88 *Tsuga canadensis* (L.) Carr.
89 *Saturajia vulgaris*
90 *Viburnum prunifolium*
91 *Gaylussacia baccata*
92 *Cinna arundinacea*
93 *Kalmia latifolia* L.
94 *Arisaema triphyllum* (L.) Schott.
95 *~~Phytolacca~~*
96 *Laurus cernuus* L.
97 *Smilax herbacea*
98 *Lobelia syphilitica* L.
99 *Chamaecyparis thuyoides* (L.) B.S.P.
400 *Mitchella repens* L.

New Jersey - Pennsylvania

- 14401 *Boehmeria cylindrica*
 02 *Pilea pumila*
 03 *Viburnum dentatum*
 04 *Echinochloa crus-galli*
 05 *Vaccinium atrococcum*
 06 *Leucothoe racemosa*
 07 *Alnus rugosa*
 08 *Lyonia ligustrina*
 09 *Spiraea tomentosa* L.

1 mi. n. Andover Jct. Sussex Co. Sept. 26, 1937

- 10 *Physalis subglabrata*
 11 *Rubus odoratus* L.
 12 *Solidago caesia*
 13 *Aster novibelgicus*
 14 ~~*Fimbristylis*~~ *stenophyllus capillaris* (L.) Britt.
 15 *Gentiana crinita* Froel.
 16 *Sambucus canadensis* L.

Fox Gap, Blue Mts. Northampton Co. Penn. Oct. 1, 1937

- 17 *Lespedeza capitata*
 18 *Lespedeza hirta*
 19 *Lespedeza*
 20 *Lespedeza procumbens* var.
 21 ~~*Gonolobus*~~ *virginiana* (L.) Pennell
~~*Aureolaria flava* (L.) Fernald~~

Little Offset, near Fox Gap, Blue Mts.
 Northampton Co., Oct. 1, 1937

- 22 *Vaccinium angustifolium* Ait.
 23 *Galium circaezans*
 24 *Melampyrum lineare* Lam.
 25 *Hamamelis virginiana* L.
 26 *Latureja vulgaris* (L.) Fritsch.

Northampton Co. Oct. 1, 1937

14427 *Oenothera*

1 mi. e. Cross Keys, Black Horse Pike,
 Gloucester Co. N. J. Oct. 1, 1937

- 28 *Aristida dichotoma*
 29 *Helianthemum canadense*
 30 *Andropogon scoparius*
 31 *Gaultheria procumbens*
 32 *Ilex opaca* Ait.
 33 *Chimaphila maculata*
 34 *Melampyrum lineare*
 35 *Kalmia latifolia*
 36 *Monotropa hypopitys* L.
 37 *Asyrum hypericoides*
 38 *Acalypha* ~~*virginica*~~ *gracilis*
 39 *Hypericum gentianoides*
 40 *Michella repens*
 41 *Vaccinium vacillans* Kalm
 42 *Pteridium aquilinum*

Hospital Branch, Cecil, Gloucester Co.

- 43 *Juncus canadensis* J. Gay.
 44 *Bidens aristata* var. *mutica*
 45 *Polygonum punctatum* Ell.
 46 *Aster* ~~*novibelgicus*~~ *novi-belgicus* L.
 47 *Spiraea tomentosa*
 48 *Hypericum canadense*
 49 *Lycopus uniflorus*
 50 *Juncus debilis*
 51 *Juncus* L.
 52 *Hypericum virginicum*

14453 ~~Gnaphalium~~ *Polygonum cuspidatum* Michx. & Juss.

54 *Rhus vernix*

55 *S. milax rotundifolia*

56 *Clethra alnifolia*

57 *Pyrus arbutifolia*

59 *Oenothera*

60 *Cephalanthus occidentalis*

61 *Lycopus uniflorus*

62 *Rhexia mariana*

3/4 mi. w. Cecil, Gloucester Co. Oct. 3, 1937

63 *Chrysopsis mariana*

64 *Aster linariifolius*

65 *Gnaphalium*

66 *Lespedeza hirta*

67 *Solidago erecta*

68 *Gnaphalium obtusifolium*

1 1/2 mi. n. Cedar Lake, Gloucester Co.
Oct. 3, 1937

69 *Diodytes*

70 *Eupatorium album*

71 *Polygonella articulata*

72 *Pteridium articulatum*

1 1/2 mi. n. Cedar Lake, Gloucester Co.
Oct. 3, 1937

73 *Lechea villosa*

74 *Aster concolor*

75 *Chrysopsis mariana*

76 *Pistis graminifolia*

77 *Cephalanthus occidentalis*

White Oak Branch, 1 mi. n.
Cedar Lake, Gloucester Co. Oct. 3, 1937

14478 *Drosera intermedia*

79 ~~Junonia~~ *Rhynchospora alba*

80 *Lycopodium allopecuroides*

Cedar Lake, Gloucester Co.

81 *Mollugo verticillata*

82 *Solidago rugosa*

83 *Lachnanthes tinctoria*

84 *Solidago rugosa* var. *sphagnophila*

~~near~~ Cedar Lake, ^{station} ~~Oct~~, Atlantic Co.
Oct. 3, 1937

85 *Scutellaria integrifolia*

2 mi. n.w. Newtonville, Atlantic Co.
Oct. 3, 1937

86 *Trichostema dichotomum*

1/4 mi. w. Berryland, Gloucester Co.
Oct. 10, 1937

87 *Cyperus dentatus*

88 *Andropogon glomeratus*

89 *Lycopodium allopecuroides*

90 *Hypericum canadense* *gentianoides*

91 *Leucophaea* ~~phyllum~~ *oxifolium* (Berg.) Ell.

92 *Polygonella articulata*

93 *Junonia dichotoma*

1/2 mi. w. Berryland, Gloucester Co. Oct. 10, 1937

94 *Prunus maritima*

95 *Anemodium virginianum* (L.) A. DC.

96 *Halimolobos angustifolia*

- 14497 *Aster dumosus* ?
 98 *Leio~~phyllum~~ ~~chrysanthemum~~ buxifolium* (Berg.) Ell.
 99 *Hudsonia ericoides*
 14500 *Pyxidanthus barbulata* Michx.
 01 *Xerophyllum ashphodelioides*

1 3/4 mi. n.e. Downton, Gloucester Co.
 Oct. 10, 1937

- 02 *Pinus echinata*

Stream 1 mi. n.e. Downton, Gloucester Co.
 Oct. 10, 1937

- 03 *Glyceria obtusa*
 04 *Apocynum cannabinum*
 05 *Xyris*
 06 *Hypericum virginicum*
 07 *Aster novi-belgii*
 08 *Aster nemoralis*
 09 *Lysimachia terrestris*
 10 *Oxera rotundifolia*
 11 *Bartonia virginica* (L.) B.S.P.
 12 *Aster dumosus*
 13 *Carpus Eriophorum*
 14 *Chamaecyparis thyoides* (L.) B.S.P.
 15 *Eupatorium ~~rebaudianum~~ pubescens*
 16 *Ilex verticillata*
 17 *Alnus rugosa* (DuRoi) Spreng.
 18 *Epilobium*
 19 *Hypericum mutilum*
 20 *Hypericum canadense*
 21 *Ludwigia palustris*
 22 *Smilax glauca*
 23 *Vaccinium macrocarpon* Ait.

1 mi. n.w. Downton,
 Gloucester Co. Oct. 10, 1937

- 14524 *Juncus pelocarpus*
 25 *Cephalanthus occidentalis*
 26 *Lycopodium altopseurides*
 27 ~~*Lycopodium*~~

1 mi. s. of Blue Bell,
 Gloucester Co. Oct. 10, 1935

- 27 *Pyrus arbutifolia* var. *atropurpurea*
 28 *Pyrus arbutifolia*
 29 *Rhynchospora capitellata* (Michx.) Vahl.
 30 *Gentiana Saponaria*
 31 *Solidago graminifolia*
 32 *Spiraea tomentosa*
 33 *Ascyrum hypericoides*
 34 *Lyonia ligustrina*

1 1/2 mi. n. Blue Bell, near
 headwaters of White Oak Branch
 Gloucester Co. Oct. 10, 1935

- 35 *Aster undulatus*
 36 *Aster concolor*
 37 *Lespedeza angustifolia*

Hospital Branch, 2 1/4 mi. s.
 Williams town, Gloucester Co.
 Oct. 10, 1937

- 38 *Juncus acuminatus* Michx.
 39 *Hypericum mutilum*
 40 *Carex folliculata* L.
 41 *Bartonia virginica* (L.) B.S.P.
 42 *Aster cordifolius*
 43 *Artemisia*
 44 *Asclepias tuberosa*
 45 *Asclepias tuberosa*
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 98 *Asclepias tuberosa*
 99 *Asclepias tuberosa*
 100 *Asclepias tuberosa*

Pennsylvania - Maryland

4 mi. w. Paoli, Chester Co. Penn.
Mar. 20, 1938

14543 *Asplenium*

~~near~~ French Creek, below
Birch Run, Chester Co. Apr. 9 1938

14544 *Monotropa uniflora*

Oxford, Talbot Co. Maryland
April 15, 1938
45 *Lunaria*
Darby Creek, North Springfield.
Delaware Co. Apr. 13, 1938
49

Oxford, Talbot Co. Maryland
April 14, 1938

46 *Lunaria annua*47 *Populus grandidentatum* Apr. 15, 1938

near Sherwood, Talbot Co. Apr. 15, 1938

48 *Lithospermum arvense*49 *Lesymbium thalianum* *Potentilla canadensis*50 *Ilex opaca*51 *Ligularia styraciflua* L.52 *Lesymbium thalianum*53 *Stachys Lamium amplexicaule*54 *Rhus toxicodendron*55 *Thuja*56 *Cerastium vulgatum*57 *Juniperus virginiana*58 *Spergularia leucopurpurea*59 *Draba verna*60 *Robinia pseudo-acacia*

Maryland - Delaware

14561 *Pinus Taeda* L.62 *Pinus*63 *Myrica cerifera*64 *Pyrus arbutifolia* - (L.) J. f.65 *Rhododendron viscosum*66 *Amelanchier oblongifolia*67 *Clethra alnifolia*68 *Amelanchier oblongifolia*

Middle of Harris Creek, near mouth,
above Tilghman, Talbot Co. Apr. 15, 1938

69 *Zostera marina*

Half way bet. Tilghman and
Sherwood, Talbot Co. Apr. 15, 1938

70 *Pinus Taeda* L.~~71 Carex~~~~72~~

1 m. n. Tilghman Talbot Co.
Apr. 15, 1938

71 *Carex nigrescens*72 *Vaccinium corymbosum*

Rehoboth Beach, Sussex Co. Delaware, Apr. 15, 1938

73 *Ammophila breviligulata*

Peach Blossom Cr., Oxford Rd. Talbot Co. Md. Apr. 16, 1938

74 *Pinus Taeda* L. *virginiana*

Woods n. of Peach Blossom Cr. Oxford Rd.

1-2 mi. s.w. Easton, Talbot Co. Md. Apr. 16, 1938

75 *Anthoxanthum odoratum*76 *Anthoxanthum odoratum*77 *Anthoxanthum odoratum*

- 145 78 *Evonymus americanus*
 79 ~~*Vaccinium*~~ *Gaylussacia baccata*
 80 *Dioscorea villosa*
 81 *Quercus Michauxii*
 82 *Asplenium platyneuron* (L.) Oakes *det. S. S. Baker*
 83 *Poa annua*
 84 *Luzula campestris* var. *echinata*
 85 *Cornus florida*
 86 *Viola affinis*
 87 *Polygonatum biflorum*
 88 *Podophyllum peltatum* L.

Oxford, Talbot Co. Md. Apr. 12, 1938

- 89 *Akebia quinata*

Linkwood, Dorchester Co. Md. Apr. 17, 1938

- 90 *Viola Rafinesquii*
 91

~~Nanticoke~~ Nanticoke R. across from Vienna,
 Wicomico Co. Md. Apr. 17, 1938

- 91 *Carex stricta*

40 7 mi. w. Princess Anne, Somerset Co. Md. Apr. 17, 1938

- 92 *Myrica cerifera*
 93 *Viola palmata*
 94 *Pyrus arbutifolia*
 95 *Clethra alnifolia*
 96 *Viola primulifolia*
 97 ~~*Lysichiton*~~ *Leucothoe racemosa*
 98 *Vaccinium atrococcum*
 99 *Viola primulifolia*

14600 *Vaccinium corymbosum*

- 01 *Myrica cerifera*
 02 *Myrica cerifera*

1 Temperanceville, Accomac Co. Apr. 18, 1938

- 14603 *Scleranthus annuus*
 04 *Viola lanceolata*
 05 *Viola sagittata*
 06 *Fragaria vesca*
 07 *Brickellia virginica*
 08 *Plantago virginica*

bet. Tasley ^{and Onley} 3 mi. s. Accomac, Accomac Co.
 Apr. 18, 1938

- 09 *Vicia angustifolia*
 10 *Senecio tomentosus*
 11 *Vaccinium corymbosum*
 12 *Viola primulifolia*
 13 *Vaccinium vacillans*
 14 ~~*Ascyrum*~~ *Ascyrum hypericoides*
 15 *Acer rubrum*
 16 *Antennaria Parlinii*
 17 *Cypripedium acaule* Ait.

^{near melfa} 3 mi. south of Onley, Accomac Co. Apr. 18, 1938

- 18 *Ascyrum hypericoides*
 19 *Ilex opaca*
 20 *Vaccinium corymbosum*
 21 *Pyrus melanocarpa*
 22 *Vaccinium corymbosum*
 23 *Ilex opaca*

Cape Charles, south of Kiptopeke,
 Northampton Co. Apr. 18, 1938

- 24 *Cerastium vulgatum*
 25 *Rhus toxicodendron*
 26 *Ilex opaca*
 27 *Rubus*

- 14628 *Xanthium echinatum*
 29 *Quercus phellos*
 30 *Asplenium platyneuron* (L.) Oakes
 31 *Lassafra* ~~vasicifolium~~ (Halim.) Ktze.
 32 *Vaccinium vacillans*
 33 *Pyrus arbutifolia*
 34 *Cornus florida*
 35 *Lonicera sempervirens* L.
 36 *Carex arenaria*
 37 *Pinus Taeda* L.
 38 *Ammophila benligulata* Fern
 39 *Centella repanda*
 40 *Linaria canadensis*
 41 *Oenothera humifusa*
 42 *Myrica cerifera*
 43 *Rechea maritima*
 44 *Graphalium purpureum*
 45 *Rumex acetosella*
 46 *Juncus dichotomus*
 47 *Juncus scirpoides*

Kiptopeke, Northampton Co. Apr. 19, 1938

- 48 *Prunus serotina*
 49 *Stellaria media*
 50 *Fragaria vesca*
 51 *Senecio vulgaris*
 52 *Stachys latifolia* amplexicaule
 53 *Deronica arvensis*
 54 *Lisymbium thalianum*
 55 *Galium hispidulum* Michx.
 56 *Lonicera sempervirens* L.
 57 *Saxula campestris* var. *bulbosana*
 58 *Dactylis glomerata*
 59 *Poa compressa*

- 14660 *Carex arenaria*
 61 *Juncus macer* Willd.
 62 *Smilax bona-nox*
 63 *Ascyrum hypericoides*
 64 *Myrica cerifera*
 65 *Opuntia vulgaris* ~~Willd~~ *compressa*

Capeville, Northampton Co. Apr. 19, 1938

- 66 *Salix alba longipes* var. *wardii*
 67 *Salix alba longipes* var. *wardii*

half way bet. Capeville & Seaview

Northampton Co. Apr. 19, 1938

- 68 *Pinus virginiana*
 69 *Juglans Carya cordiformis*

2 mi. s.w. Newark, Worcester Co. Md. Apr. 19, 1938

- 70 *Gaultheria procumbens*
 71 *Vaccinium atrococcum*
 72 *Antennaria Parlinii* Fern.

Ellendale Swamp, Sussex Co. Del. Apr. 19, 1938

- 73 *Lycopodium obscurum* L.

1 mi. n.e. Birchrunville, s. of
 French Creek, Chester Co. Penna. Apr. 21, 1938
 (100-150 m.)

- 74 *Panax trifoliata*
 75 *Viola pallens*
 76 *Antennaria plantaginifolia*
 77 *Carex communis*
 78 *Arisaema trifoliata* *triphyllum*
 79 *Lycopodium lucidulum* Michx.
 80 *Cladystonia virginica*
 81 *Mitella diphylla*

14677a. *Viola pallens*

- 14682 *Hepatica americana*
 83 *Pedicularis canadensis*
 84 *Antennaria plantaginifolia*
 85 *Anemone thalictroides* (L.) Spach
 86 *Viola papilionacea*
 87 *Viola encarpa* Schwein.
 88 *Utricularia perfoliata* L. May 1, 1938
 89 *Cardamine pennsylvanica* Muhl.
 90 *Cornus florida*
 91 *Smilacina racemosa* (L.) Desf.
 92 *Polygonatum pubescens*
 93 *Barbarea vulgaris* R. Br.
 94 *Anemone thalictroides* (L.) Spach.
 95 *Languinaria canadensis* L.
 96 *Podophyllum peltatum*
 97 *Orchis spectabilis*
 98 *Taraxacum officinale*
 99 *Floerkea proserpinacoides* Willd.
 14700 *Chrysosplenium americanum* Schwein.
 01 *Ranunculus abortivus* L.
 02 *Cerastium nutans*
 03 *Potentilla ~~pubula~~ canadensis*
 04 *Saxifraga virginensis* Michx. (May 7, 1938)
 05 *Geranium maculatum* L. May 1, 1938
 06 *Aralia nudicaulis* L.
 07 *Rhododendron nudiflorum*
 08 *Carex lasiocarpa* May 8, 1938
 09 *Chelidonium majus* L.
 10 *~~Carex~~ Scirpus planifolius* Muhl.
 11 *Vaccinium vacillans*
 12 *Hieracium venosum*
 13 *Acer rubrum* L.
 14 *Juniperus virginiana*
 15 *Smilax rotundifolia*

- 14716 *Juglans cinerea* L.
 17 *Rhus toxicodendron*
 18 *Ornithogalum umbellatum*
 19 *Asplenium platyneuron* (L.) Oakes
 20 *Dactylis glomerata*
 21 *Carex prasiensis*
 22 *Viola cucullata* Ait.
 23 *Nepeta hederacea*
 24 *Rubus Baileyanus*
 25 *Erigeron pulchellus* Michx.
 26 *Houstonia coccinea*
 27 *Antennaria plantaginifolia* (L.) Rich.
 28 *Carex gracilescens* Steud.
 29 *Ranunculus hispidus* Michx.
 30 *Vaccinium stamineum* L.
 31 *Luzula campestris* L. var. *echinata*
 32 *Hypoxis hirsuta* (L.) Cor.
 33 *Viola pubescens* Ait.
 34 *Castanea dentata*
 35 *Viburnum acerifolium* L.
 36 *Botrychium virginianum*
 37 *Ranunculus abortivus* L.
 38 *Ranunculus recurvatus* Poir.
 39 *Carya glabra* (Mill.) Spach.
 40 *Senecio aureus*
 41 *Zizia aurea* (Walt.) DC.
 42 *Carex rosea* Schkuhr.
 43 *Viburnum prunifolium*
 44 *Osmorhiza Claytoni* (Michx.) Clarke
 45 *Ulmus fulva* Michx.
 46 *Potentilla simplex* Michx.
 47 *Sassafras albidum* (Mill.) Nees
 48 *Galium aparine*
 49 *Rubus flagellaris* Pursh

- 14750 *Prunus serotina*
 51 *Fragaria virginiana* M.
 52 *Antennaria neglecta* Greene
 53 *Rumex acetosella* L.
 54 *Veronica arvensis* L.
 55 *Lepidium campestre*
 56 *Ranunculus bulbosus* L.
 57 *Anthoxanthum odoratum*
 58 *Plantago lanceolata* L.
 59 *Antennaria neglecta* Greene
 60 *Poa compressa* L.
 61 *Capsella Bursa-pastoris* May 9, 1938
 62 *Oxalis europea* L.
 63 ~~*Legumina*~~ *Arenaria serpyllifolia* L.
 64 *Antennaria plantaginifolia* (L.) Rich.
 65 *Viola conspersa* Reichenb.
 66 *Viola cucullata* Ait.
 67 *Cardamine rotundifolia* Michx.
 68 *Dirca palustris* L.
 69 *Staphylea trifolia* L.
 70 *Cypripedium parviflorum* Salisb.
 71 *Polystichum acrostichoides* (Michx.) Schott.
 72 *Adiantum pedatum*
 73 *Ranunculus hispidus* Michx. var. *palustris* Torr.
 74 *Smilax herbacea*
 75 *Viola striata* Ait.
 76 *Asarum canadense*
 77 *Ranunculus micranthus* M.
 78 *Viola palmata* L.
 79 *Cynoglossum virginianum*
 80 *Crataegus macrocarpa*
 81 *Plantago virginica* L.
 82 *Juncus macer* S.F. Gray
 83 *Poa compressa* L.

May 17, 1938

May 22, 1938

- 14784 *Rubus occidentalis* L.
 85 *Cornus alternifolia* L.f.
 86 *Smilacina racemosa* (L.) Desf.
 87 *Carex convoluta* Mack.
 88 *Pinodendron latifolium*
 89 *Chrysanthemum leucanthemum*
 90 *Poa compressa* L.
 91 *Trifolium repens* L.
 92 *Plantago virginica* L.
 93 *Bromus hordeaceus*
 94 *Carex cephalophora* Muhl.
 95 *Veronica officinalis* L.
 96 *Hieracium pratense* Tausch.
 97 *Carex glaucodia* Tuckerm.
 98 *Antennaria neo-diocica* Greene
 99 *Celastrus scandens*
 14800 *Vitis labrusca*
 01 *Sassafras albidum*
 02 *Philadelphus grandiflorus* Willd.
 03 *Rubus frondosus* Bickn.
 04 *Celtis occidentalis* L. var. *crassifolia* (Ham.) Gray
 05 *Benzoin aestivale* (L.) Mes.
 06 *Vitis cordifolia* Michx.
 07 *Viola conspersa* Reichenb.
 08 *Stellaria media*
 09 *Rubus allegheniensis* Pater
 10 *Carex stipata* Muhl.
 11 *Cynthia virginica*
 12 ~~*Asarum*~~ *Rubus occidentalis*
 13 *Festuca nutans* Spreng
 14 *Sphenophorus pallens* (Spreng.) Leimb.
 15 *Viburnum acerifolium* L.
 16 *Luzula campestris* L. var. *echinata* DC.
 17 *Cerastium nutans* Raf.

- 147 18 *Ulmus fulva* Michx.
 19 *Erigeron pulchellus* Michx.
 20 *Glyceria pallida* (Tor.) Trin.
 21 *Agropyron*
 22 *Epifagus virginiana* (L.) Bart.
 23 *Maianthemum canadense* Desf.
 24 *Hamamelis virginiana*
 25 *Osmonda cinnamomea* L.
 26 *Luzula campestris* var. ^{(L.) DC.} *multiflora* (Chab.) Chab.
 27 *Fagus grandifolia* Ehrh.
 28 *Hydrophyllum virginianum* L.
 29 *Betula lenta* L.
 30 *Lisymbium officinale* var. *leiocarpum*
 31 *Lisyrhynchium mucronatum* Michx.
 32 *Juncus tenuis* Willd.
 33 *Anemone thalictroides*

Chatsworth, Camden Co. N. J. May 21, 1933

34

35

Garnerville, Rockland Co. N. Y. May 29, 1933

- 36 *Trifolium hybridum* L.
 37 *Trifolium pratense* L.
 38 *Vitis aestivalis* Michx. *californica*
 39 *Quercus prinoides* Willd.
 40 *Betula populifolia* Marsh.
 41 *Rubus Baileyanus*
 42 *Acer rubrum* L.
 43 *Anthoxanthum odoratum* L.
 44 *Fragaria vesca* L.
 45 *Hieracium aurantiacum* L.
 46 *Hieracium pratense* Tausch.
 47 *Cornus florida* L.

- 148 48 *Ranunculus acris* L.
 49 *Prunus serotina* Ehrh.
 50 *Potentilla simplex* Michx.
 51 *Rubus frondosus* Bigel.
 52 *Equisetum arvense* L.
 53 *Rhus Toxicodendron* L.
 54 *Tilia*
 55 *Cornus* ~~*Amomum*~~ *Mill.* *racemosa* Lam.
 56 *Hieracium floribundum* Wimm. & Grab.
 57 *Quercus alba* L.
 58 *Liriodendron tulipifera* L.
 59 *Viburnum acerifolium* L.
 60 *Pinus echinata* Mill.
 61 *Nyssa sylvatica* Marshall
 62 *Oxalis esculenta* cymosa
 63 *Ranunculus bulbosus* L.
 64 *Carya glabra* (Mill.) Spach.
 65 *Polystichum acrostichoides* (Michx.) Schott.
 66 *Athyrium angustum* (Willd.) Presl.
 67 *Populus grandidentata* Michx.
 68 *Betula lenta* L.
 69 *Hypoxis hirsuta* (L.) Cov.
 70 *Dactylis glomerata* L.
 71 *Luzula campestris* var. ^{(L.) DC.} *bulbosa* A. Wood.
 72 *Carex rosea* Schreb.
 73 *Onclea sensibilis* L.
 74 *Akebia quinata*
 75 *Carex projecta*
 76 *Prunus avium* L.
 77 *Viburnum venosum* Britt.
 78 *Viburnum prunifolium* L.
 79 *Lycopodium complanatum* L.
 80 *Ranunculus acris* L.
 81 *Cerastium vulgatum* L.

- 14882 *Quercus alba* L.
 83 *Gaylussacia baccata* (Wang.) Koch
 84 *Festuca capillata*
 85 *Luzula campestris* (L.) DC. var. *multiflorum* (Ehrh.) Call.
 86 ~~*Luzula campestris*~~ *Arrhenatherum elatius* (L.) Beauv.
 87 *Castanea dentata* (Marsh.) Borkh.
 88 ~~*Trifolium*~~ *Rubus occidentalis* L.
 89 *Morus alba* L.
 90 ~~*Trifolium*~~ *Medicago lupulina* L.
 91 *Rubus sempervirens*
 92 *Philadelphus grandiflorus* Willd.

High Tor, Haverstraw, Rockland Co.

(with V.O.F.)

May 30, 1938

- 93 *Acer pennsylvanicum* L.
 94 *Viburnum acerifolium* L.
 95 *Rubus odoratus* L.
 96 *Stellaria graminea* L.
 97 *Kalmia latifolia* L.
 98 *Physocarpus opulifolius* (L.) Maxim.
 99 *Tsuga canadensis* (L.) Can.
 14900 *Pyrus arbutifolius* (L.) L.f.
 01 *Gaylussacia baccata* (Wang.) Koch.
 02 *Prunus pennsylvanica* L.f.
 03 *Prunus virginiana* L.
 04 *Populus grandidentata* Michx.
 05 *Tilia americana* L.
 06 *Carex Richii*
 07 *Cerastium arvense* L. var.
 08 *Diervilla lonicera* Mill.
 09 *Arabis lyrata* L.
 10 *Polypodium vulgare virginianum*
 11 *Orobancha uniflora* L.
 17 *Carex tenera* Dewey

- 14913 *Houstonia caerulea* L.
 14 *Panicum depauperatum* Muhl.
 15 *Comandra umbellata* (L.) Nutt. (Pursh) DC.
 16 *Amelanchier ~~Bontianiana~~ sanguinea* DC.
 17 *Helianthemum canadense* (L.) Michx.
 18 *Asclepias quadrifolia* Jacq.
 19 *Hieracium venosum* L.
 20 *Prunus ~~serotina~~ virginiana* L.
 21 *Staphylea trifolia* L.
 22 *Celtis occidentalis* L.
 23 *Sambucus racemosa* L.
 24 *Geranium Robertianum* L.
 25 *Chelidonium majus* L.
 26 *Vaccinium stamineum* L.
 27 *Anemone thalictroides* (L.) Spach.
 28 *Geranium maculatum* L.
 29 *Osmorhiza Claytoni* (Michx.) Clarke
 30 *Carex communis* Bailey
 31 *Luzula campestris* (L.) DC. var. *multiflora* (Ehrh.) Call.
 32 *Carex platyphylla* Carey.
 33 *Lanicula marilandica* L.
 34 *Smilacina racemosa* (L.) Desf.
 35 *Polygonatum perbesens*
 36 *Alnus incana* (L.) Moench.
 37 *Thalictrum dioicum* L.
 38 *Hamamelis virginiana* L.

50

Willow Springs, 4 mi. W. Berwick.

Columbia Co. Penn. June 1, 1938
 alt. 175 m.

- 39 *Festuca elatior* L.
 40 *Rumex crispus* L.
 41 *Rumex acetosella* L.
 42 *Rubus allegheniensis* Porter
 43 *Urtica procera*

- 14944 *Oxalis europea* L.
 45 *Prunus serotina* Ehrh.
 46 *Osmorhiza longistylis*
 47 *Juncus macer* Willd. S.F. Gray
 48 *Erigeron ramosus* (L.) D.S.P.
 49 *Carex digitalis* Willd.
 50 *Hieracium pratense* Tausch.
 51 *Specularia perfoliata*
 52 *Prunus avium*
 53 *Carex sparganioides* Muhl.
 54 *Agrostemma githago* L.
 55 *Leptidium virginicum* L.
 56 *Leptidium campestris* (L.) R.Br.
 57 *Poa compressa* L.
 58 *Rubus occidentalis* L.
 59 *Rhus toxicodendron* L.
 60 *Hamamelis virginiana* L.
 61 *Ranunculus abortivus* L.
 62 *Polygonatum biflorum*
 63 *Smilacina racemosa* (L.) Desf.
 64 *Dryopteris spinulosa* var.
 65 *Polystichum acrostichoides* (Michx.) Schott.
 66 *Actaea Cimicifuga racemosa*
 67 *Glyceria striata*
 68 *Dryopteris marginalis* L.
 69 *Woodsia obtusa* ? *Cyrtopteris fragilis* v. *maximiliani*
 70 *Sambucus canadensis* L.
 71 *Rhus typhina* L.

Espy, 3 mi. e. Bloomsburg
 Columbia Co.

June 7, 1938

72 *Buddleia*

70

Little Fishing Cr. 1 1/4 mi. n. Iola
 712 ft. Columbia Co. June 7, 1938

- 14973 *Plantago lanceolata* L.
 74 *Rubus allegheniensis*
 75 *Vitis aestivalis* Michx.
 76 *Myosotis ~~lupulina~~ scirpioides* L.
 77 *Carex lurida*
 78 *Carex lurida*
 79 *Fragaria*
 80 *Sambucus canadensis* L.
 81 *Poa*
 82 *Stellaria longifolia*
 83 *Ilex monticola* Gray
 84 *Ranunculus abortivus* L.
 85 *Anisaema Stewardsonii* Britt.
 86 *Carex stipata* Muhl.
 87 *Benjoin aestivalis* (L.) Nees
 88 *Anthoxanthum odoratum* L.
 89 *Ranunculus acris* L.
 90 *Cryptotaenia canadensis*
 91 *Smilax rotundifolia* L.
 92 *Carex intumescens*
 93 *Acor saccharum* Marsh.
 94 *Arobanchis uniflora* L.
 95 *Betula lenta* L.
 96 *Nepeta hederacea* (L.) Trevisan
 97 *Stellaria media* (L.) Cyrill. f.
 98 *Sisyrinchium*
 99 *Potentilla canadensis* L. *simplex* Michx.
 15000 *Dryopteris polypodioides*
 01 *Cerastium vulgatum*
 2 *Viola conspersa*
 3 *Carex prasina*
 4 *Alnus incana* (L.) Moench.

- 15005 *Carex laxiculmis*
 6 *Onoclea sensibilis* L.
 7 *Viola blanda* Willd.
 8 *Viola cucullata* Ait.
 9 *Geranium maculatum* L.
 10 *Senecio aureus*
 11 *Athyrium*

2 mi. N.W. of Muncy Valley, Sullivan Co.
 June 7, 1938

- 15012 *Carex*
 13 *Hamamelis virginiana* L.
 14 *Achillea millefolium* L.
 15 *Rubus allegheniensis*
 16 *Castanea dentata* (Marsh.) Borkh.
 17 *Prunus pennsylvanica* L.f.
 18 *Arisaema triphyllum* (L.) Schott.
 19 *Lycopodium complanatum* L.
 20 *Opalis europea* L.
 21 *Lycopodium clavatum* L.
 22 *Chelidonium majus* L.
 23 *Lycopodium obscurum* L.
 24 *Epipagrus*
 25 *Smitacina racemosa* (L.) Deaf.
 26 *Tiarella cordifolia*
 27 *Magnolia acuminata* L.
 28 *Lycopodium lucidulum* Michx.
 29 *Viola canadensis* L.
 30 *Viola pallens*
 31 *Viola blanda*
 32 *Viola cucullata* Ait.
 33 *Asarum canadense* L.
 34 *Oxalis montana*

- 15035 *Potentilla canadense* Simplex Michx.
 36 *Sisyrinchium angustifolium*
 37 *Oenothera ~~bicincta~~ Michx.* perennis L. v. typica

Eagles Mere, Sullivan Co. June 7, 1938
 38 *Antennaria neodioica* Greene

Montoursville, Lycoming Co.
 June 8, 1938

- 39 *Anthemis Cotula* L.
 40 *Chrysanthemum leucanthemum* L.
 41 *Trifolium pratense*
 42 *Trifolium repens*
 43 *Trifolium hybridum*
 44 *Laguna Veronica arvensis*
 45 *Hieracium pratense* Tausch.
 46 *Polygonum aviculare* L.
 47 *Phleum pratense* L.
 48 *Taraxacum officinale*
 49 *Plantago lanceolata* L.
 50 *Poa pratensis*
 51 *Capsella Bursa-pastoris* (L.) Medic.
 52 *Stellaria media* (L.) Cyrill.
 53 *Rumex acetosella* L.
 54 *Poa compressa* L.
 55 *Lepidium campestre* (L.) R. Br.
 56 *Lepidium virginicum* L.
 57 *Sagittaria Arenaria serpyllifolia*
 58 *Erigeron ramosus* (L.) BSP
 59 *Poa compressa*
 60 *Oxalis europea* L.

Loyalsock Creek

Lycoming Co.

Loyalsock

June 8, 1938

- 150 61 *Potentilla canadensis* simplex Michx.
 62 *Desmodium punctulobula*
 63 *Gallthiera procumbens* L.
 64 *Tsuga canadensis* (L.) Cam.
 65 *Lysimachia quadrifolia*
 66 *Poa compressa*
 67 *Betula lenta* L.
 68 *Vaccinium vacillans* Kalm
 69 *Vaccinium angustifolium* Ait.
 70 *Cornus florida* L.
 71 *Epipactis* ~~Goodyera~~ *pubescens*
 72 *Quercus alba* L.
 73 *Carex digitalis*
 74 *Fragaria virginiana*
 75 *Hammamelis virginiana* L.
 76 *Dryopteris marginalis*
 77 *Dryopteris*
 78 *Carex platyphylla*
 79 ~~Urtica~~ *Polygonatum pubescens* (Willd.) Pursh
 80 *Veronica serpyllifolia*
 81 *Carex hirsutella*
 82 *Carex prasina*
 83 *Viburnum alnifolium*
 84 *Carex scabrata*
 85 *Lysimachia* ~~nummularia~~ *nummularia* L.
 86 *Physocarpus opulifolia* (L.) Maxim.
 87 *Myosotis laxa*

small bog e. of Ketcham Run, 2 3/4 mi.
 n.w. of Eagles Mere, Sullivan Co.
 June 8

- 150 88 *Lycopodium clavatum* L.
 89 *Carex trisperma* ^{ma} Dewey
 90 *Lycopodium obscurum* L.
 91 *Asmunda cinnamomea* L.
 92 *Viburnum cassinoides* L.
 93 *Vaccinium corymbosum* L.

Stream below Spook Swamp, 3 mi. n.w. Eagles Mere,
 Sullivan Co.
 June 8, 1938

- 94 *Amelanchier laevis*
 95 *Alnus incana* (L.) Moench.
 96 *Carex ovata gynandra*
 97 *Prunus pennsylvanica* L. f.
 98 *Salix bebbiana*
 150 99 *Stellaria uliginosa*
 151 00 *Asmunda claytoniana* L.

Spook Swamp, 2.5 mi. n.w. Eagles Mere,
 Sullivan Co. June 8, 1938

- 01 *Carex trisperma*
 02 *Carex debilis*
 03 *Carex canescens* var. *disjuncta* Fern.
 04 *Carex pallens* L.
 05 *Rhododendron canadense* (Michx.) G. Don.
 06 *Lycopodium lucidulum* L.
 07 *Viola pallens*
 08 *Urtica stewartsonii* Britt.
 09 *Vaccinium corymbosum* L.
 10 *Lycopodium obscurum* L.
 11 *Viburnum alnifolium* Marsh.
 12 *Nemophanthus mucronata*

2 mi. s. of Forksville, Sullivan Co.
June 8, 1938

15113 *Tunga canadensis* (L.) Carr.

Lincoln Falls, Elk Creek, Sullivan Co.
June 8, 1938

15114 *Spirea latifolia* Borkh.

15 *Achillea millefolium* L.

16 ~~Tiarella~~ *Tiarella cordifolia*

17 *Dryopteris spinulosa* var. *intermedia*

18 *Hydrophyllum virginianum* L.

19 *Asplenium Trichomanes* L.

20 *Saxifraga pennsylvanica* L.

21 *Ranunculus abortivus* L.

22 *Michella repens* L.

23 *Epipagus virginiana*

24 *Polygonum cilinode* Michx.

25 *Poa*

26 *Majanthemum canadense* Desf.

27 *Luzula saltuensis* Fern.

28 *Carex gracillima*

29 *Aquilegia canadensis* L.

30 *Galium triflorum* Michx.

31 ~~Camptoporus~~ *rhizophyllum* (L.) Link.
asplenium

Wyalusing Rocks, 1 1/2 mi. n.w. Wyalusing
Bradford Co. June 8, 1938

32 *Potentilla arguta* Pursh

33 *Poa*

34 *Lolidago unilignulata*

35 *Diervilla Lonicera* Mill.

36 *Viburnum acerifolium*

37 *Juniperus*

38 *Physocarpus opulifolius* (L.) Maxim.

15139 *Polygonatum biflorum*

40 *Amelanchier stolonifera*

41 *Stellaria longifolia*

42 *Sphenophyllis pallens* (Sprng.) Leibn.

43 *Rhus Toxicodendron* L.

B. 25 BIRD'S-EYE VIEW OF BLOOMSBURG, PA. SHOWING SUSQUEHANNA RIVER AND BRIDGE



- 10078 *Lagenophora navienis*



1 172

Pennsylvania

2 mi. s. of Forksville, Sullivan Co.

June 8, 1938

15113

Tsuga canadensis (L.) Carr.

15

#

Lincoln Falls, Elk Creek, Sullivan Co.

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LYNN H. BOYER, PHILADELPHIA, PA. AND WILWOOD, N. J.

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27 Luzula salicaria Fern.

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15139 Polygonatum biflorum

40 Amelanchier stolonifera

41 Stellaria longifolia

42 Sphenophyllis pallens (Pursh) Link.

43 Rhus Toxicodendron L.

44 Vitis cordifolia Michx.

45 Specularia perfoliata (L.) A. DC.

46 Celastrus scandens L.

47 Kalmia latifolia L.

48 Hamamelis virginiana L.

L. b.

9663 Lipochoeta
succulenta
v. decurrens

-10169a L. subcordata

-10593 L. lobata v. denticulata

-10078 Lagenophora maviensis

agaveana
8, 1938roseum
L.Ed.
Lind.re 9, 1938
dividuum
L. L. L.

172

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2 mi. s. of Forksville, Sullivan Co.

June 8, 1938

15113 *Tsuga canadensis* (L.) Carr.

1/2

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27 L.

TH

70 11 20

173

Pennsylvania

15139 *Polygonatum biflorum*40 *Amelanchier stolonifera*41 *Stellaria longifolia*42 *Sphenophyllis pallens* (Hornem.) Link.43 *Rhus Toxicodendron* L.44 *Vitis cordifolia* Michx.45 *Specularia perfoliata* (L.) A. DC.46 *Celastrus scandens* L.47 *Kalmia latifolia* L.48 *Hammamelis virginiana* L.49 *Asclepias quadrifolia* Jacq.inginiun
ginalis.

10

1000

L.

2

L.

7

Epl

18

N.

longinquiana

June 8, 1938

Beauv.

roseum

neum L.

(L.) Willd.

Britt. + Rend.

Lopez

June 9, 1938

var. claudovideum
(Michx.) D. C. Coll.

70

6

2 mi. s. of Forksville, Sullivan Co.
June 8, 1938

15113 *Tsuga canadensis* (L.) Carr.

1/2

#

Lincoln Falls, Elk Creek, Sullivan Co.

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LYNN H. BOYER, PHILADELPHIA, PA. AND WILLOW, N. J.

- 15139 *Polygonatum biflorum*
- 40 *Amelanchier stolonifera*
- 41 *Stellaria longifolia*
- 42 *Sphenophyllis palleus* (Hornem.) Schreb.
- 43 *Rhus Toxicodendron* L.
- 44 *Vitis cordifolia* Michx.
- 45 *Specularia perfoliata* (L.) A. DC.
- 46 *Celastrus scandens* L.
- 47 *Kalmia latifolia* L.
- 48 *Hamamelis virginiana* L.
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58

10

2

7

Epl

18

N.

Rouse

66 *Lycopodium obscurum* L. var. *viduatum* (Michx.) D. C. East.

chana
978
seum

1, 1938

2 mi. s. of Forksville, Sullivan Co.
June 8, 1938

15113 *Tsuga canadensis* (L.) Carr.

16

#

Pineola Falls, Elk Creek, Sullivan Co.

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Opuntia Opuntifolia (L.) Maxon.

- 15139 *Polygonatum biflorum*
40 *Amelanchier stolonifera*
41 *Stellaria longifolia*
42 *Sphenophyllus palleus* (Hornem.) Schreb.
43 *Rhus Toxicodendron* L.
44 *Vitis cordifolia* Michx.
45 *Specularia perfoliata* (L.) A. DC.
46 *Celastrus scandens* L.
47 *Kalmia latifolia* L.
48 *Hamamelis virginiana* L.

49

50

51

52

53

54

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56

57

58

10-1230

2-430

7-930

Epl 50 between
18th + 19th

N. side

g. lucidissima
June 8, 1938

aur.

~~roseum~~
var. L.

Willd.

Cl. Rend.

59

60

61

62

63

64

65

Rouse Pond, 3 mi. s.e. Lopez,
Sullivan Co. June 9, 1938

66 *Lycopodium obscurum* L. var. *dendroideum*
(Michx.) D.C. Cat.

172

Pennsylvania

2 mi. s. of Forksville, Sullivan Co.
June 8, 1938

15113

Tsuga canadensis (L.) Carr.

16

#4

L. Falls, Elk Creek, Sullivan Co.

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ER, PHILADELPHIA, PA. AND WILWOOD, N. J.

THIS SPACE FOR ADDRESS

Ascarpus Opulifolius (L.) Maxim.

173

Pennsylvania

15139 *Polygonatum biflorum*40 *Amelanchier stolonifera*41 *Stellaria longifolia*42 *Sphenophyllis pallens* (Sprung) L.43 *Rhus Toxicodendron* L.44 *Vitis cordifolia* Michx.45 *Specularia perfoliata* (L.) A. DC.46 *Celastrus scandens* L.47 *Kalmia latifolia* L.48 *Hamelis virginiana* L.49 *Asclepias quadrifolia* Jacq.50 *Polypodium virginicum*51 *Dryopteris marginalis*52 *Zizia aurea*53 *Smilacina racemosa*54 *Hydrangea arborescens* L.55 *Carex foenea*56 *Carex lurida*57 *Prunus virginiana* L.58 *Tilia heterophylla*2 mi. n. w. Wyalusing, along Susquehanna
Bradford Co. June 8, 193859 *Danthonia spicata* (L.) Beauv.60 *Rhododendron ~~viscosum~~ roseum*61 *Vaccinium stamineum* L.62 *Carya alba* (L.) K. Koch.63 *Pentstemon hirsutus* (L.) Willd.64 *Silene latifolia* (Mill.) Britt. & Rend.65 *Gilene trifoliata*Rouse Pond, 3 mi. s. e. Lopez,
Sullivan Co. June 9, 193866 *Lycopodium obscurum* L. var. *dendroideum*
(Michx.) D. C. East.

2 mi. s. of Forksville, Sullivan Co.

June 8, 1938

15113 *Tsuga canadensis* (L.) Carr.

15

#

Lincoln Falls, Elk Creek, Sullivan Co.

June 8, 1938

15114 *Spiraea latifolia* Borkh.15 *Achillea millefolium* L.16 ~~Tiarella~~ *Tiarella cordifolia*17 *Dryopteris spinulosa* var. *intermedia*18 *Hydrophyllum virginianum* L.19 *Asplenium Trichomanes* L.20 *Saxifraga pennsylvanica* L.21 *Ranunculus abortivus* L.22 *Michella repens* L.23 *Epipagus virginiana*24 *Polygonum cilinode* Michx.25 *Poa*26 *Maianthemum canadense* Desf.27 *Luzula salicifolia* Fern.28 *Carex gracillima*29 *Aquilegia canadensis* L.30 *Galium triflorum* Michx.31 ~~Camptosorus~~ *Camptosorus rhizophyllus* (L.) Link.

Wyalusing Rocks, 1 1/2 mi. n.w. Wyalusing

Bradford Co. June 8, 1938

32 *Potentilla arguta* Pursh33 *Poa*34 *Lolidaigo unilobulata*35 *Diervilla lonicera* Mill.36 *Viburnum acerifolium*37 *Juniperus*38 *Physocarpus opulifolius* (L.) Maxim.15139 *Polygonatum biflorum*40 *Amelanchier stolonifera*41 *Stellaria longifolia*42 *Sphenophyllis pallens* (Hornem.) Scribn.43 *Rhus Toxicodendron* L.44 *Vitis cordifolia* Michx.45 *Specularia perfoliata* (L.) A. DC.46 *Celastrus scandens* L.47 *Kalmia latifolia* L.48 *Hamelis virginiana* L.49 *Asclepias quadrifolia* Jacq.50 *Polypodium virginicum*51 *Dryopteris marginalis*52 *Zizia aurea*53 *Smilacina racemosa*54 *Hydrangea arborescens* L.55 *Carex foenea*56 *Carex lurida*57 *Prunus virginiana* L.58 *Tilia heterophylla*2 mi. n.w. Wyalusing, along Susquehanna
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Rouse Pond, 3 mi. s.e. Lopez,

Sullivan Co. June 9, 1938

66 *Lycopodium obscurum* L. var. *cladoides* (Michx.) D. C. Cat.

- 15167 *Carex debilis*
 68 *Prunus pennsylvanica* L. f.
 69 *Scirpus atrovirens* Muhl.
 70 *Amelanchier laevis*
 71 *Carex folliculata*
 72 *Carex Baileyi*
 73 *Viola lanceolata* L.
 74 *Carex*
 75 *Carex*
 76 *Stellaria uliginosa* Mun.
 77 *Chamaedaphne calyculata* (L.) Moench.
 78 *Lycopodium clavatum* L.
 79 *Betula populifolia* Marsh.
 80 *Carex angustior*
 81 *Zizia aurea*
 82 *Lisyrinchium gramineum*
 83 *Carex*
 84 *Eleocharis calva* Torr.
 85 *Dianthus americana*
 86 *Sparganium angustifolium* Michx.
 87 *Isoetes Braunii* Dur.
 88 *Sagittaria latifolia* f. *gracilis*
 89 *Utricularia vulgaris* var. *americana*
 90 *Brasenia schubertii* Gmel.
 91 *Nymphoxanthus variegatus*
 92 *Vaccinium canadense* Kaln.
 93 *Spiraea latifolia* Borkh.
 94 *Viburnum cassinoides* L.
 95 *Vaccinium corymbosum* L.
 96 *Pyrus melanocarpa* (Michx.) Willd.
 97 *Oxoclea sensibilis* L.
 98 *Carex angustior*
 99 *Carex gynandra*
 15200 *Carex prasina*

15200
 det. J. M. Y.

- 15201 *Carex folliculata* L.
 02 *Calla palustris* L.
 03 *Arisaema Stewardsonii* Britt.
 04 *Carex strictior* Dewey
 05 *Carex stipata*
 06 *Equisetum*
 07 *Carex brunescens*
 08 *Lalix Pebbiana*
 09 *Botrychium virginianum* (L.) Sw.
 10 *Equisetum arvense* L.
 11 *Carex arctata* Britt.

3 mi. S.E. Lefey, Sullivan Co.
 June 9, 1937

- 12 *Lycopodium tristachyum* Pursh
 13 *Lycopodium obscurum* L.
 14 *Antennaria neodioica* Greene

Mifflinville, Columbia Co. June 7, 1938

- 15 *Arrhenatherum elatius* (L.) Beauv.
 16 *Juncus macer* Willd.
 17 *Angelica atropurpurea* L.
 18 *Poa pretensis* L.
 19 *Poa compressa* L.
 20 *Rubus*
 21 *Chelidonium majus* L.
 22 *Stellaria graminea* L.
 23 *Carex crinita*
 24 *Parthenocissus quinquefolia* (L.) Planch.
 25 *Viola lanceolata*
 26 *Philadelphus grandiflorus* Willd.

Willow Spring, 4 mi. W. Berwick, Columbia Co. June 10, 1937

- 27 *Bromus hordeaceus* L.

along Big Nescopeck Creek, 2 mi. n.w.

Corryingham, Luzerne Co. June 10, 1938

- 15228 *Capsella Bursa-pastoris* (L.) Medic.
 29 *Juncus macer* Willd.
 30 *Adiantum pedatum* L.
 31 *Potentilla canadensis* simplex Michx.
 32 *Hamamelis virginiana* L.
 33 *Dryopteris marginalis*
 34 *Asplenium*
 35 *Aralia nudicaulis* L.
 36 *Polypodium virginianum* L.
 37
 38 *Ranunculus abortivus* L.
 39 *Poa*
 40 *Aquilegia canadensis*
 41 *Oenothera perennis* L. var. *typica* Mung.
 42 *Viola blanda* Willd.
 43 *Asplenium trichomanes*
 44 *Ribes rotundifolium*
 45 *Ranunculus recurvatus*
 46 *Galium circaezans*
 47 *Luzula campestris* var. *multiflora* (Michx.) Munz
 48 *Horstonia caerulea* L.
 49 *Lycopodium lucidulum* L.
 50 *Galium triflorum*
 51 *Athyrium angustum*
 52 *Viola pubescens*
 53 *Kalmia latifolia* L.
 54 *Carex swanii*
 55 *Lycopodium obscurum* L. var. *dendroideum* (Michx.) M. & S.
 56 *Mitchella repens* L.
 57 *Castanea dentata* (Marsh.) Borkh.
 58 *Veronica officinalis* L.

2 mi. s. of Chatsworth, Burlington Co.

June 16, 1938

- 15259 *Drosera filiformis* Raf.
 60 *Polygala lutea* L.
 61 *Calypogon pulchellus* (Sw.) R. Br.
 62 *Aletris parviflora* L.
 63 *Arenaria caroliniana* Walt.
 63a *Pinus rigida* Mill.

3 1/2 mi. n.e. Chatsworth, branch of Wading River, Burlington Co.

June 16, 1938

- 64 *Utricularia vulgaris* L. var. *americana* Gray
 65 *Magnolia virginiana* L.
 66 *Galium aparine* (Andr.) T. & G.

Br. of Wading River, 3 mi. s. of Chatsworth, Burlington Co.

June 16, 1938

- 67 *Vitis aestivalis* Michx.
 68 *Platanus occidentalis* L.
 69 *Lysimachia terrestris*
 70 *Pyrola rotundifolia* L. var. *americana* (Cham.) Gray
 71 *Isis prismatica* Pursh.
 72 *Trientalis americana* (Pers.) Pursh.
 73 *Viburnum nudum* L.

2 mi. s. Quaker Bridge, Burlington Co.

June 16, 1938

- 74 *Carex subulata*
 75 *Carex triasperma* Dewey

Washington, Burlington Co.

June 16, 1938

- 76 *Pinus virginiana* Mill.
 77 *Pinus echinata* Mill.

3 mi. w. Ellicott City, Howard Co. Md. June 18, 1933

- 15278 ~~Agrostis~~ Dianthus Armeria
79 Lysyrrhynchium gramineum
80 Oxalis europaea

Lee Highway, n. of Pine Mt. 5 mi. e. of Luray,
Page Co. Va. June 18, 1933

81. Houstonia longifolia
✓ 82. Trifolium arvense
✓ 83. Arenaria serpyllifolia
✓ 84. Geranium columbinum

Miss K. G. G. G.

June 19, 1933

- ✓ 85. Dianthus Armeria
✓ 86. Trifolium procumbens
✓ 87. Panicum ~~oligosanthos~~
✓ 88. Lysimachia Nummularia
✓ 89. Mimulus moschatos
90. Panicum
✓ 91. Glyceria striata
✓ 92. Panicum clandestinum
✓ 93. Asplenium platyneuron
✓ 94. Aquilegia canadensis
✓ 95. Holcus lanatus
✓ 96. Cercis canadensis

Below Mary's Rock, Blue Ridge Mts.
Shenandoah Nat. Park, Rappahannock Co. June 19, 1933
700 m.

- ✓ 97. Heuchera pubescens var. typica
✓ 98. Carex radiata
✓ 99. Galium ~~lanceolatum~~ latifolium
✓ 15300. Panicum linearifolium Scribn.
✓ 01. Houstonia longifolia

- ✓ 15302. ^{betulaefolia var.} Spiraea corymbosa f. campii ~~type~~
✓ 03. Arabis laevigata
✓ 04. Viburnum acerifolium
✓ 05. Acer pennsylvanicum var. glaucum
✓ 06. Dioscorea ~~villosa~~ ^{gustata} var. ~~glaberrima~~
✓ 07. Pentstemon canescens
✓ 08. Vaccinium ~~vacillans~~ ^{pallidum} var. ~~st.~~
✓ 09. Rosa carolina
✓ 10. Taenidia integerima

Gaps of Hawksbill, Blue Ridge Mts.

Shenandoah Nat. Park, Madison Co. June 17, 1933
alt. 1000 m.

- ✓ 11. ~~Hedysotis~~ ^{Hedysotis} caerulea
✓ 12. Cynoglossum officinale
✓ 13. Carex ~~radiata~~ ^{radiata} ~~Mad.~~ det. T. G. G.
✓ 14. Thaspium atropurpureum
✓ 15. Heuchera pubescens var. typica
✓ 16. Carex radiata
✓ 17. Deschampsia flexuosa
✓ 18. Danthonia spicata

s.w. Lexington

s.w. Lexington

19. Asclepias tuberosa

Tuggle Gap, Blue Ridge Mts.

Page Floyd - Patrick Co. bound.

alt. 2700 ft.

June 20, 1933

20. Viburnum prunifolium L.
21. Arthematherum elatius
22. Festuca elatior L.
23. Panicum clandestinum L.
24.

Canyon ^{South of} Tuggle Gap, Patrick Co. June 20

24. Hydrangea arborescens var. oblongifolia T. & G.

near Spoon Cr., n. of Mettle Ridge, 5 mi.
 W. of Henry Co. boundary, Patrick Co. Jan 20, 1933
 300 m.

- 153 25 *Plantago aristata*
 26 *Linum virginianum*
 27 *Lymnobia intermedia*
 28 ~~*Hedysotis*~~ *Monarda purpurea*
 29 *Oxalis stricta*
 30 *Sanicula canadensis*
 31 *Panicum*
 32 *Danthonia spicata*
 33 *Panicum*
 34 *Lynia ligustrina*
 35 *Specularia perfoliata*
 36 *Vaccinium vacillans* Sol. (sensu lato)
 37 *Lactuca canadensis*
 38 *Oxydendrum arboreum*
 39 *Panicum clandestinum* L.
 40 *Solanum carolinense*
 41 *Panicum*

(J.E.B. Stuart Highway) E. of Dan R., 12 mi. e. of
 Danville, Halifax Co. 150 m. June 22, 1933

- 42 *Chimaphila maculata*
 43 *Galium circaezans*
 44 *Aster sericocarpus asteroides*
 45 *Heiracium venosum*
 46 *Euphorbia corollata* L.
 47 *Erigeron ramosus*
 48 *Sanicula canadensis*
 49 *Lactuca stylosanthes biflora*
 50 *Ceanothus americana*
 51 ~~*Hedysotis*~~ *Monarda purpurea*
 52 *Salvia lyrata*
 53 *Carex hirsutella*

- 153 54 *Panicum*
 55 *Monotropa hypopitys*
 56 *Cornus florida*
 57 *Carex cephalophora* Muhl.
 58 *Panicum*
 59 *Danthonia spicata*
 60 *Asplenium platyneuron*
 61 *Eronymus americanus*
 62 *Panicum Boscii*
 63 *Gerum flavum*
 64 *Linaria canadensis*
 65 *Lambucus canadensis*
 66 *Polygonum sagittatum*
 67 ~~*Scutellaria*~~
 67 *Ascyrum hypericoides*
 68 *Scutellaria integrifolia*
 69 *Cyperus cylindricus*
 70 *Juncus acuminatus* Michx.
 71 *Ipomoea ~~hederacea~~ pandurata*
 72 *Erigeron ramosus*
 73 *Gerum canadense* Jacq.
 74 *Carex lurida*
 75 *Lepidium virginicum*
 76 *Kirgia virginica*
 77 *Trifolium arvense*
 78 *Oxalis stricta* L.
 79 *Pyrrhopappus carolinianus*
 80 *Eleocharis obtusa*
 81 *Solanum carolinense*
 82 ~~*Abrus*~~ *Chrysogonum virginianum*
 83 *Abrus incana*
 84 *Ruellia ciliosa*
 85

June 21, 1933

Sisyrinchium~~*Sisyrinchium*~~

15386

- 87 ~~*Houstonia*~~ ^{*Hedysotis*} *purpurea*
 88 *Rhus copallina*
 89 ~~*Houstonia*~~ ^{*Hedysotis*} *purpurea*
 90 *Hypoxis* ~~*laevis*~~ *hirsuta*
 91 ~~*Houstonia*~~ *purpurea* *Phlox ovata*
 92 *Panicum*
 93 *Elephantopus nudatus*
 94 *Plantago aristata*
 95 *Polystichum acrostichoides*
 96 *Gnaphalium purpureum*
 97 ~~*Eriogonum*~~
 97 *Cryptotaenia canadensis* (L.) DC.
 98 *Festuca octoflora*
 99 *Oenothera*
- 15400 *Clitoria mariana*
 01 *Scutellaria ovalifolia*
 02 *Specularia perfoliata*

Lawson Creek ^{near South Boston} ~~near~~ *Halifax Co.* 150 m June 21, 1938
 Highway 5 ^{near} ~~near~~ *Halifax Co.* 150 m June 21, 1938

- 03 *Cephalanthus occidentalis*
 04 *Saururus cernuus*
 05 *Juncus secundus*
 06 *Cyperus cylindricus*
 07 *Juncus tenuis*
 08 *Cyperus pseudoregetus*
 09 *Agrostis stolonifera*
 10 *Carex vulpinoidea*
 11 *Carex tribuloides*
 12 *Tripsacum dactyloides*
 13 *Scirpus eriophorum*
 14 *Cicuta maculata*
 15 *Houstonia Divdia virginica*

- 15416 ~~*Chrysopsis*~~ *Gentian* *Sericocarpus*
 17 ~~*Houstonia*~~ ^{*Hedysotis obtusifolia*} *longifolia*
 18 *Galium tinctorium* L.
 19 *Symphoricarpos orbiculatus*
 20 *Plantago aristata*
 21 *Panicum*
 22 *Solanum carolinense*
 23 *Peltandra virginica*
 24 *Rosa virginiana*
 25 ~~*Festuca*~~ ^{*campanis*} *radicans*
 26 *Cornus amomum*
 27 *Hypericum punctatum*
 28 *Carex lunata*
 29 ~~*Desmodium*~~ *flexuosum* June 21, 1938
 30 ~~*Desmodium*~~ *lespedeza procumbens*
 31 *Panicum*
 32 ~~*Thalictrum*~~ *Angelica villosa*
 33 *Houstonia purpurea*
 34 *Chrysopsis*
 35 *Galium pilosum*
 6 mi n. Clarksville, Mecklenburg Co.
 150 m. June 21, 1938
- 36 *Rosa carolina*
 37 *Oenothera fruticosa* var. *humifusa*
 38 *Galium pilosum* var.
 39 *Eleocharis obtusa*
 40 *Oenothera laciniata*
 41 *Houstonia tenuifolia* ^{*Hedysotis*} *obtusifolia*
 42 *Senecio* ~~*stictatus*~~ *floridanus*

15430a *Desmodium*

Virginia

- 15443 *Juncus marginatus*
 44 *Juncus macer*
 45 *Asplenium platyneuron*
 46 *Epigeanon ramosus*
 47 *Lechea*
 48 *Antennaria linifolia*
 49 *Ulmus alata Michx.*
 50 *Quercus stellata*
 9.11.18 51 *Carex hirsutella*
 52 *Panicum sphaerocarpon*
 53 *Houstonia caerulea*
 54 *Panicum*
 55 *Juniperus virginiana*
 56 *Heiracium venosum* ~~E. (dark fruit form)~~
 57 *Vaccinium corymbosum* L. (dark fruited form)
 58 *Vaccinium corymbosum* ~~atrovirens~~
 59 *Juncus effusus* L. var.
 60 *Scirpus atrovirens* Muhl.
 61 *Allium vineale*
 62 *Myosotis virginica*
 63 *Ruellia ciliosa*
 64 *Asclepias verticillata*
 65 *Hypericum punctatum*
 66 *Verbena angustifolia*
 67 *Poa compressa*
 68 *Polygonum pennsylvanicum*
 69 *Juncus biflorus* Ell.
 70 *Juncus scirpoides*
 71 *Verbascum blattaria*
 72 *Panicum*
 73 *Lechea*
 74 *Panicum sphaerocarpon*
 75 *Cyperus ovularia*

Virginia

- 15476 *Cyperus filiculmis*
 77 ~~Senecio~~ *Lobelia spicata*
 78 *Botrychium virginicum*
 79 ~~Senecio~~ *Dioclea virginiana*
 80 *Hypericum cistifolium* Lam.
 81 *Polygonum persicaria*
 82 ~~Desmodium repens~~ *Lepidogon repens*
 83 *Prunus americana*
 84 *Vitis rotundifolia* Michx.
 85 *Dianthus armeria*
 86 *Cuscuta*
 87 *Cyperus pseudovegetus* Steud.
 88 *Thripsacum dactyloides*
 89 *Eleocharis obtusa*
 90 *Platanus occidentalis*
 91 *Galium pilosum*
 92 *Apocynum Canadense*
 93 *Solidago*
 94 *Ceanothus americanus*
 95 *Clematis ochroleuca* var. *ovata*
 96 *Thaspium trifoliatum* (L.) Britt.
 97 *Galium circaezans*
 98 *Hypoxis hirsuta*
 99 *Scutellaria integrifolia*
 15500 *Cornus amomum* Mill.
 01 *Smilax rotundifolia*
 02 *Agrostis alba stolonifera*
 03 *Quercus marylandicus*
 04 *Panicum*
 05 *Vicia angustifolia*
 06 *Geranium columbinum*

Virginia

6 mi. n.w. Clarksville,
Near Staunton River, Mecklenburg Co.
150 mi. June 22, 1938

- 155 07 ~~Cornus~~ Cryptotaenia canadensis
08 Delphinium adjacis
09 Delphinium ajacis
10 Prunus
11 Elymus repens
12 Prunus commutatus
13 Geum canadense
14 Prunus serotina
15 Panicum scoparium
16 Sanicula canadensis
17 Festuca nutans

2 mi. n. Wytheburg, Charlotte Co.
150 m. June 22, 1938

- 18 Coreopsis verticillata
19 Galium pilosum
20 Oxalis florida
21 Ipomoea pandurata
22 Lespedeza procumbens
23 Rosa virginiana
24 ~~Aster~~ Leucocarpus asteroides
25 Panicum
26 ~~Aster~~ Leucocarpus asteroides linifolius
27 Panicum
28 Carex hirsutella
29 Scirpus atrovirens
30 Carex lurida

1 mi. S. of Keyesville, Charlotte Co.
160 m. June 22, 1938

- 31 Alnus crispa

Virginia

- 155 32 Brunella vulgaris
33 Lysyrischium
34 Galium
35 ~~Lysimachia~~ ~~blechnum~~ Lysimachia ciliata
36 Cornus amomum
near Kingsville, 5 mi. s. Farmville,
~~1 mi. n. Keyesville, Charlotte Co.~~
Prince Edward Co. 160 m. June 22, 1938

- 37 Panicum
38 Chimaphila maculata
39 Monotropa hypopitys 160 m. all (or all)
40 Rhododendron calendulaceum
41 Rhus quercifolia
42 Aureolaria virginica
43 Pteridium aquilinum
44 Panicum
45 Gnaphalium purpureum
46 Lyonia ligustrina
47 Panicum
48 Sphenopholis
49 Panicum scoparium
50 Gagea baccata
51 Vaccinium vacillans Sol.
52 Panicum sphaerocarpon
53 Vaccinium neglectum

3 mi. s. of Curdsville, Buckingham Co.
160 m. June 22, 1938

- 54 Geum flavum
55 ~~Plectritis~~ Plectritis specularia perfoliata
56 Polystichum acrostichoides
57 ~~Hedysarum~~ ~~Houstonia~~ Hedysarum
58 Impatiens biflora
59 Panicum microcarpon

15560 Cinna

- 61 *Cicuta maculata*
 62 *Thalictrum polygamum*
 63 *Carex lurida*
 64 *Rhus glabra*

w. base of Willis Mt. near Dozney, Buchanan Co.
~~*Gilene stellata*~~
~~*Thalictrum polygamum*~~ 175 m. June 22, 1938

- 65 *Galium circaezans*
 66 *Chrysogonum virginianum*
 67 *Euphorbia corollata* L.
 68 *Carex*
 69 *Panicum Boeckii*
 70 *Cimicifuga racemosa*

1 mi. s. Zion, Louisa Co. June 23, 1938
 160 m.

- 71 *Castanea pumila*
 72 *Danthonia spicata*
 73 *Panicum dichotomum*
 74 *Rhus quercifolia*
 75 *Gaylussacia baccata* (Wang.) C. Koch. f. *glaucocarpa* (Rob.) Muhl.
 76 *Baptisia tinctoria*
 77 *Coreopsis verticillata*
 78 ~~*Aster*~~ *Leucocarpus asteroides*
 79 *Linum ~~statum~~ medium*

near New Baltimore, Fauquier Co.
 160 m. June 23, 1938

- 80 ~~*Benzoina acutata*~~ *Lindera Benzoin* (L.) Bl.
 81 *Vitis cordifolia*
 82 *Asclepias syriaca* L.
 83 *Vitis labrusca*
 84 *Asclepias syriaca* L.

1/4 mi. s.e. Cecil, Gloucester Co. July 3, 1938

- 15586 *Crataegus uniflora*
 87 *Sassafras albidum* (Mutt.) Mees.
 88 *Castanea dentata* (Marsh.) Borkh.
 89 *Liatris pinnatifida* (L.) Mill.

3/4 mi. w. Berryland, 1 1/2 mi. s.s.e. Cecil,
 Gloucester Co. July 3, 1938

- 90 *Carex Muhlenbergii*
 91 *Cyperus filiculmis*
 92 *Laportea officinalis*
 93 ~~*Hypericum densiflorum*~~ *perforatum* L.
 94 *Robinia hispida* L.

Great Egg Harbor River, 2 mi. s.e. Cecil,
 Gloucester Co. July 3, 1938

- 95 *Leucothoe racemosa* (L.) Gray.
 96 *Kalmia angustifolia* L.
 97 *Gaylussacia baccata* (Wang.) C. Koch.
 98 *Xerophyllum asphodelioides* (L.) Muhl.
 99 ~~*Triosteum*~~ *Melampyrum lineare*

- 15600 *Hudsonia ericoides* L.
 01 *Leiophyllum buxifolium* (Berg.) Ell.
 02 *Ilex glabra* (L.) Gray
 03 *Lyonia mariana* (L.) D. Don

Scotland Run, Indian Branch, 1 1/2 mi.
 n. of Malaga, Gloucester Co. July 3, 1938

- 04 *Coreopsis lanceolata*
 05 *Carex ~~Hopkinsii~~ lantha*
 06 *Osmunda regalis* L.
 07 *Rhododendron viscosum* (L.) Torr.
 08 *Ilex glabra* (L.) Gray
 09 *Oenothera*

- 15610 *Iris versicolor*
 11 ~~Plectritis~~ *Specularia perfoliata* (L.) G. DC.
 12 *Dianthus armeria* L.
 13 *Lysimachia terrestris*
 14 *Arenaria serpyllifolia*

1 1/2 mi. e. s. e. Newfield, Gloucester Co. July 3, 1938

- 15 *Vaccinium vacillans* Kalm.
 16 *Chimaphila maculata* (L.) Pursh
 17 ~~Aster~~ *Sericocarpus asteroides*
 18 *Castanea dentata* (Marsh.) Borkh.
 19 *Pinus echinata* Mill.
 20 *Gaylussacia frondosa*
 21 *Pinus echinata* Mill.
 22 *Helianthus divaricatus*
 23 *Melampyrum lineare*
 24 *Pteridium aquilinum* (L.) Kuhn, var.
 25 *Tephrosia virginiana* (L.) Pers.

- 1/2 mi. s. of Plainville Gloucester Co. July 3, 1938
 26 *Hypericum* ~~densiflorum~~ ^{perfoliatum} Pursh.
 27 ~~Pteris~~ *Sericocarpus asteroides*
 28 *Baptisia tinctoria* (L.) R. Br.

- 2 mi. n. w. Plainville, Gloucester Co. July 3, 1938
 29 *Rudbeckia hirta*

- 1/2 mi. s. w. Cecil, Gloucester Co. July 3, 1938
 30 *Helianthemum canadense*
 31 *Crataegus uniflora*
 32 *Cyperus Grayii*
 33 *Panicum*
 34 *Euphorbia ipseacantha* L.
 35 *Calopogon pulchellus* (Sw.) R. Br.

- 15636 *Kalmia angustifolia* L.
 37 *Hypericum densiflorum* Pursh
 38 *Quercus ilicifolia* Wang.
 39 *Rhododendron viscosum* (L.) Torr.
 40 ~~Trichostema~~ *Melampyrum lineare*
 41 *Hudsonia ericoides* L.
 42 *Gaylussacia dumosa* var. *Bigelovii*
 43 *Opuntia*

New Freedom, Camden Co. July 3, 1938

- 44 *Populus tremuloides* Michx.

2 mi. e. n. e. Cedar Brook, Camden Co.
 July 3, 1938

- 45 *Betula populifolia* Marsh.

1 mi. n. e. Birchrunville, s. of French
 Creek, Chester Co. Penn. July 10, 1938

- 46 ~~Lysimachia~~ ^{*Lysimachia*} ~~*leucostachya*~~ *ciliatam*
 47 *Carex convoluta* Mack.
 48 *Monotropa uniflora*
 49 *Panicum dichotomum*
 50 *Panicum*
 51 *Prunella vulgaris* var. *lanceolata* Bart.
 52 *Danthonia spicata*
 53 ~~*Sericocarpus*~~ ^{*Sericocarpus*} *asteroides*
 54 *Danthonia compressa* Austin
 55 *Veronica serpyllifolia*
 56 *Leersia virginica* Willd.
 57 *Chimaphila maculata*
 58 *Agrimonia striata*
 59 *Galium lanceolatum*
 60 ~~*Thalictrum*~~ *Zizia cordata*
 61 *Urtica perfoliata*

- 15662 *Lappula virginiana*
 63 *Anemone virginiana*
 64 *Baptisia tinctoria*
 65 *Melilotus alba*
 66 *Panicum clandestinum* L.
 67 *Quercus alba*
 68 *Teucrium canadense*
 69 *Agrostis stolonifera*
 70 ~~*Lythrum*~~ *Lythrum ciliatum*
 71 *Galinsoga parviflora* ciliata (Raf.) Blake
 72 *Thalictrum polygamum*
 73 *Polygonum sagittatum*
 74 *Asplenium platyneuron*
 75 *Potentilla norvegica* L. var. *hirsuta* (Michx.) Tuckerm.
 76 *Plantago major* ~~Rugelii~~
 77 *Erigeron ramosus*
 78 *Phytolacca americana* L.
 79 *Dryopteris marginalis*
 80 *Staphylea trifoliata*
 81 *Arabis canadensis*
 82 ~~*Lythrum*~~ *Osmorhiza longistylis*
 83 ~~*Lythrum*~~ *Cimicifuga racemosa*
 84 *Impatiens pallida*
 85 *Panicum clandestinum*
 86 *Cryptotaenia canadensis*
 87 *Dryopteris novaeboracensis*
 88 *Dryopteris hexagonoptera*
 89 *Asplenium athyrium* ~~fo.~~ *angustum*
 90 *Galium circaezans*
 91 *Rumex obtusifolius*
 92 *Sanicula canadensis*
 93 *Carex swansea*
 94 *Galium aparillum*
 95 *Verbena strictifolia*

- 15696 *Festuca* ~~stolonifera~~
 97 *Gerum canadense*
 98 *Festuca nutans*
 99 *Bromus altissimus*
 15700 ~~*Agrostis*~~ *Circaea latifolia* Hill
 01 *Silene stellata*
 02 *Phryma leptostachya*
 03 *Desmodium grandiflorum*
 04 *Panicum grandiflorum*
 05 *Daucus carota* L.
 06 *Pycnanthemum incanum*
 07 *Hypericum punctatum*
 08 *Dioscorea villosa* var. *glabrifolia* (Raf.) B.L.
 09 *Satureja vulgaris*
 10 *Allium* ~~sp.~~ *vineale*
 11 *Trifolium agrarium*
 12 *Erigeron annuus*
 13 *Hypericum perforatum*
 14 *Solanum carolinense*
 15 *Lactuca*
 16 *Achillea millefolium* L.
 17 *Pflem* *pratense*
 18 *Oxianthus armeria* L.
 19 *Convolvulus*
 20 *Desmodium illinoense* Aug. 9, 1938
 21 *Scrophularia marilandica* L.
 22 *Lappula virginiana* (L.) Greene
 23 *Lobelia inflata* L.
 24 *Laportea canadensis* (L.) Gaud.
 25 *Medeola virginiana* L.
 26 *Pilea pumila*
 27 *Polygonum hydropiperoides* Michx.
 28 *Acalypha virginica* L.
 29 *Aster divaricatus* L.

- 14730 *Goodyera pubescens* (Willd.) R.Br.
 31 *Impatiens biflora* Walt.
 32 *Galium triflorum* Michx.
 33 *Agrostis perennans*
 34 *Galium triflorum*?
 35 *Malaxis unifolia* Michx.
 36 ~~*Polygonum*~~ *Tovara virginiana* (L.) Raf.
 37 *Eupatorium purpureum* L.
 38 *Helianthus stuebelianus* L.
 39 *Triodia flava* (L.) Hitchc.
 40 *Silene stellata* (L.) Ait. f.
 41 *Hieracium paniculatum* L.
 42 *Muhlenbergia sobolifera*
 43 *Anemone virginiana* L.

Aristez, Columbia Co. 1700 ft. Sept. 2, 1938

- 44 *Ambrosia artemisiifolia*
 45 *Aster ericoides*
 46 *Hieracium scabrum*
 47 *Bickelns frondosa*
 48 *Epilobium angustifolium*
 49 *Aster cordifolius*
 50 *Solidago bicolor*
 51 *Aster Schreberei*
 52 *Plantago Rugelii*
 53 *Setaria lutescens*
 54 *Euphorbia*
 55 *Oxalis europaea* f. *cymosa*
 56 *Vaccinium angustifolium*
 57 *Anaphalis margaritacea*
 58 *Agrostis perennans* (Walt.) Tuckerm. typical det. Phil.
 59 *Solidago puberula*
 60 *Solidago odora*
 61 *Prenanthes trifoliolata* (Cass.) Fern.

- 62 *Solidago graminifolia*
 s. slope of ~~Little~~ ^{Little} Mt. Columbia Co. IX/2/38
 alt. 1400 ft.
 63 *Aureolaria pedicularia*
 Little Mt. Summit, 2 1/4 mi. s.s.e. Muncida
 Columbia Co. Sept. 2, 1938
 alt. 1700 ft.
 64 *Aster infirmus*
 65 *Melampyrum lineare*
 66 *Hedeoma pulegioides*
 67
 Muncida 1/2 mi. below Nordmont Sullivan Co. IX/2/38
 1300 ft.
 67 *Saturiza vulgare*
 68 *Agrimonia gryposepala*
 69 *Lycopis uniflorus*
 70 *Verbena hastata*
 71 *Acalypha virginica*
 72 *Hypericum gentianoides*
 73 *Hydrocotyle americana*
 74 *Polygonum cilinode*
 75 *Galium mollugo*
 76 *Ciralia racemosa*
 77 *Prenanthes trifoliolata* (Cass.) Fern.
 78 *Verbena urticifolia*
 79 *Eupatorium perfoliatum*
 80 *Aster divaricatus*
 81 *Lobelia inflata*
 82 *Agrostis*
 83 *Solidago latifolia*
 84 *Aster prenanthoides*
 85 *Erigeron ramosus*
 86 *Lycopis uniflorus*
 87 *Polygonum convolvulus*

- 88 *Solidago rugosa* Ait.
 89 *Monarda didyma*
 90 *Eupatorium rugosum*

Top of North Mt. ^{brow of} slope s. w. upper part of Cherry
 Run, alt. 2200 ft. Sullivan Co. Sept. 2/1883

- 91 *Bidens frondosa* (Bach-maple-Prunus second growth
 woods, along old road)
 92 *Polygonum persicaria*
 93 *Oxalis montana*
 94 *Epipagus virginiana*
 95 *Polygonum hydropiper* L.
 96 *Erechtites hieracifolia* (L.) Raf.
 97 *Carex debilis*
 98 *Eleocharis*
 99 *Lobelia inflata*
 96a *Lycopodium complanatum*

Cape Charles, Va. (the cape, not the town).
April 13-19, 1937

The extreme point is a curved sand-bar with no vegetation.

Then there is a considerable area of rather irregular sand flat extending from the inner beach to the outer shore - a shelf of clay-like sediment covered with a stiff grass, too ~~young~~ immature for identification. This ^{sandy} flat has no trees in the distal portion, but is covered with *Ammophila* and other sand-binding grasses and two species of *Juncus*. Bushes of *Myrica* sp. are scattered here and there. Pools of fresh(?) water are abundant toward the center. Some immature plants make green spots here. In the sand *Linaria canadensis* is common, flowering freely.

The northern ~~part~~ of this flat is covered with *Pinus taeda*, scattered and dead to the south, forming a dense forest northward where it changes to a series of low pine-covered dunes. This runs to the fence of the estate. The pines, especially at the outskirts of the forest, seem to be unhealthy. The needles are browned distally. The peripheral trees are dead and some large ones through out. Some logging, probably for ~~firewood~~ firewood is being carried

on. *Ilex opaca* ~~is~~ rather abundant in the pine woods, becoming dwarfed at the western edge, and very chlorotic. Some *Sassafras* is scattered in the forest. Near the fence of the estate, *Lonicera japonica* forms dense tangles, and *Cornus florida*, *Pyrus arbutifolia*, *Smilax*, *Lonicera sempervirens* and other plants become common. The *Lonicera japonica* has about taken possession of this part. *Prunus serotina* forms low wind beaten shrubs along the western edge of the dunes. *Myrica* sp. and *Ilex* also common here.

The Herbarium of the University of Pennsylvania

PLANTS OF PENNSYLVANIA

Loc. 2 mi. n. w. of Conyngham,
along Big Heart Fork Creek, Luzerne Co.

Habitat

Date June 10, 1938

Coll. F. R. Fosberg No.

Det.

Remarks

ank
Units
Units
its
its
its
its
1 Cts.
red

09

The Herbarium of the University of Pennsylvania

PLANTS OF PENNSYLVANIA

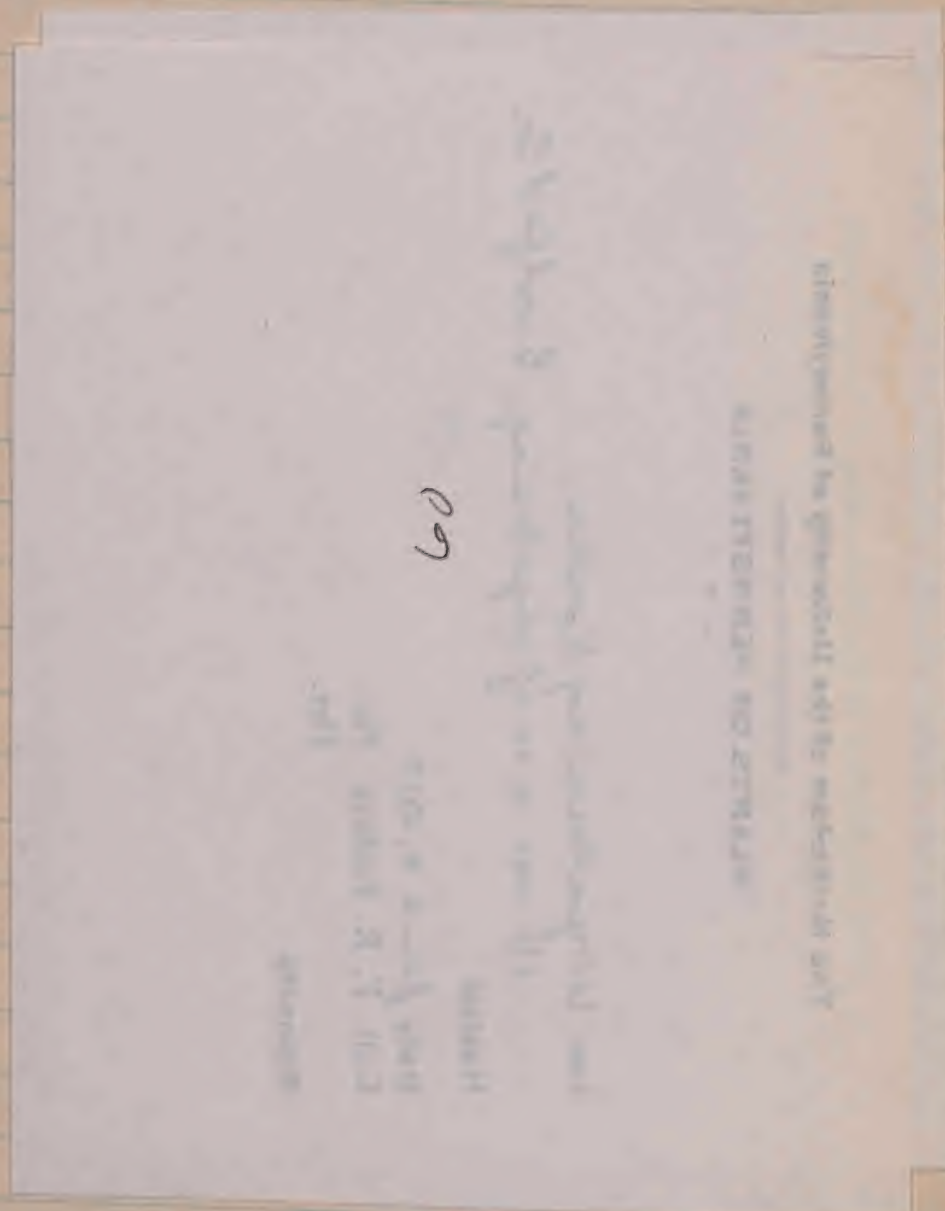
Loc. *Wyalusing Rocks,*
1½ mi. n.w. of Wyalusing, Bradford Co.

Habitat

Date *June 3, 1938*Coll. *F. R. Fosberg* No.

Det.

Remarks



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